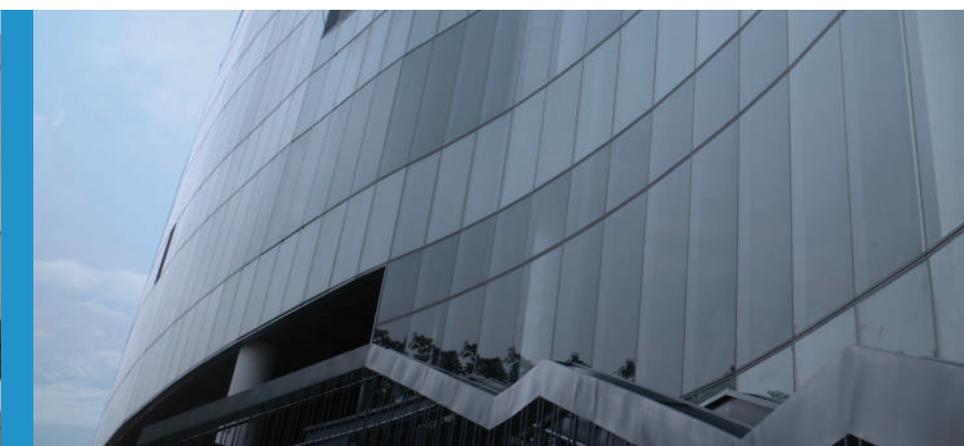


SF BAR SERIES

CATALOG



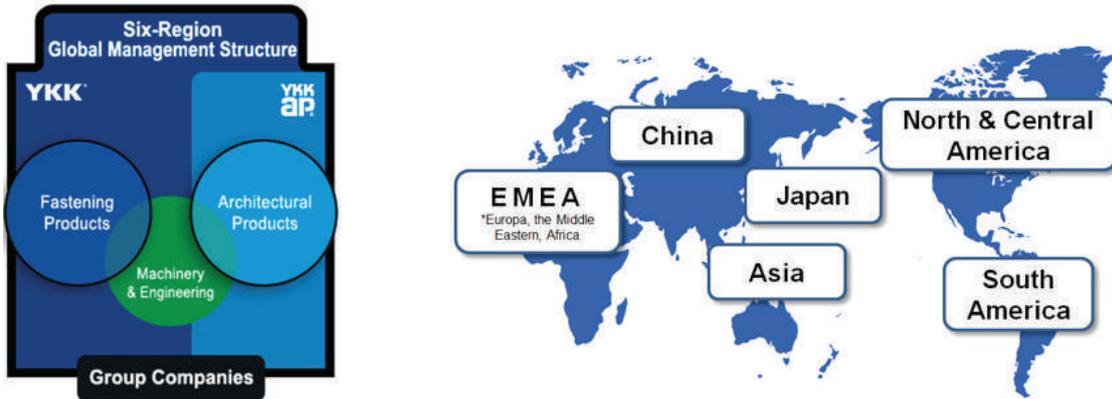


<https://www.ykkap.co.id>

YKK
ap®

ABOUT YKK AP

YKK AP is part of **YKK AP Group** that operates in 6 regions with over 550 branches all over the world. **YKK AP** specialize in **Architectural Products**, such as window, door, entrance door, exterior and industrial parts as well as it AP parts.



PT. YKK AP INDONESIA was established in 1986 in Tangerang, Indonesia. Each product has made through integrated system from designing (development), production, quality process and after sales service.

The material used to produce extruded aluminum profiles is A 6063 T5 according to the JIS H 1305 standard with the following data:

a. Chemical composition (%)

Composition	Si	Fe	Cu	Mn	Mg
Standard	0.20~0.60	0.35 Maximum	0.10 Maximum	0.10 Maximum	0.45~0.90

Cr	Zn	Ti	Others		Al
			Each	Total	
0.10 Maximum	0.10 Maximum	0.10 Maximum	0.05 Maximum	0.15 Maximum	Remainder

b. Mechanical properties

Item	Tensile Test			Hardness Test
	Tensile Strength (N/mm ²)	Proof Stress (N/mm ²)	Elongation (%)	Hv
Standard	150 minimum	110 minimum	8 minimum	58 minimum

Disclaimer:

PT. YKK AP Indonesia has made high-quality aluminum bar profile products. However, makes no guarantee regarding the performance of externally assembled window and door systems

FINISHING COLOR

There are two coloring processes available, Anodizing and Powder Coating. As for anodizing, there are ANODIZED (standard) and ANODIZED PLUS

ANODIZED PLUS is another innovation from **YKK AP**. Anodizing with Electro Deposition process create two types of appearance, glossy and non glossy which provides an extra layer of protection on the anodized layer. Its anodized coating combined with an organic protective coating offers the dual benefit of increased resistance to stain and color degradation.

Other advantages are increased resistance to corrosion from chemicals, longer glossiness and protection against weather effects.

■ **Anodized**
(anodizing with sealing)



■ **Anodized Plus (ED)**
(anodizing with Electro Deposition)



* special protective layer

POWDER COATING, our powder coating process is designed to meet the AAMA (American Architectural Manufacturers Association) standard. By doing the pre-treatment process before powder coating, makes the product more corrosion resistant. To ensure the best quality, our checking carried out include its thickness, glossy, and color quality.



Top Coat
Pre Treatment

■ **Thickness minimum powder coating 50 µm**

STANDAR COLOR

		Powder Coating re-paint OK	Anodize + resistant to rain and UV
	White/Ivory	TW01	
		TW02	
	Light Gray /Champagne		YS1N (Matte)
			YH1N (Matte)
	Deep Gray	TB80	
	Brown		YB1C (Glossy)
		TB20	YB1N (Matte)
	Black	TK10	YK1N (Matte)



L A N D E D H O U S E

Project info

Project Name: Golf Island - Jakarta

Product Used

Fix window, entrance door frame





L A N D E D H O U S E

Project info

Project Name: Private House Jakarta

Product Used

Fix window, Tophung window



C O M M E R C I A L - B U I L D I N G

Project info

Project Name: Spark Taman Ria - Jakarta

Product Used

Curtain wall YCB , Fix window





C O M M E R C I A L - B U I L D I N G

Project info

Project Name: Milenium Village - Tangerang

Product Used

Curtain wall YCB,
Elevator Chamber using Curtain wall
YCB



S H O P - H O U S E

Project info

Project Name: Terrace Nine - Tangerang

Product Used

Fix window, Tophung window

Floor hinged door





S H O P - H O U S E

Project info

Project Name: Office Building - Jakarta

Product Used

Fix window, Floor hinged door,
Bovenlicht window

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Window - Fix 70 Depth



Window - Louver 70 Depth



Window - Top Hung 70 Depth



Window - Sliding 70 Depth



Sliding Door - 3 Inch Depth



Butt Hinge - 70 Depth DT34



Floor Hinge - 70 Depth DT44.5



Semi Frameless - 70 Depth

1.1 FIX



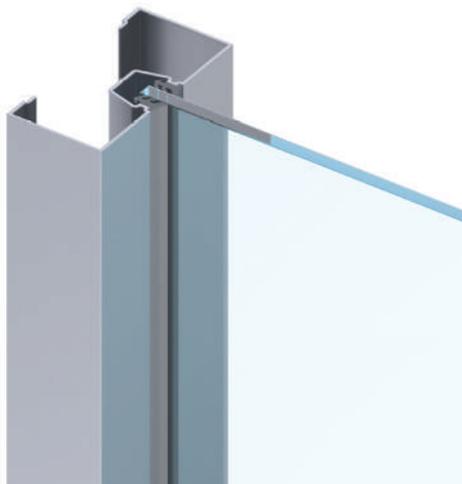
Fixed window let in natural light and can come in all shapes and sizes. It is a perfect solution in spaces where maximizing a view and light transmittance. No working parts make it more cost effective than other window types.



Window - Fix 70 Depth



Window - Fix 100 Depth



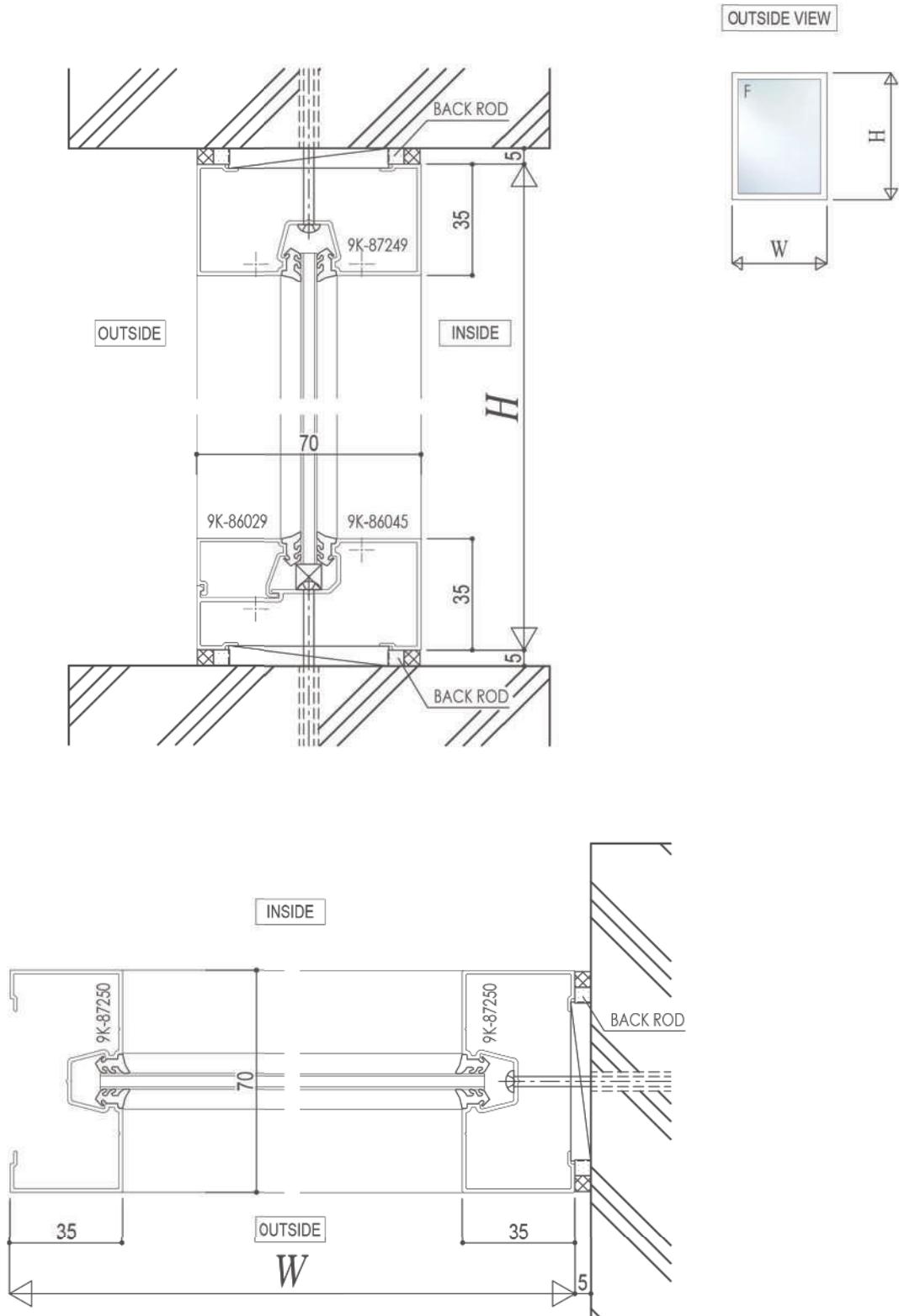
Window - Fix 70 Depth



Window - Fix 100 Depth

1.1. FIX DEPTH 70 TYPE1

SCALE 1:2



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

FIX

1.1. FIX DEPTH 70 TYPE2

SCALE 1:2

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

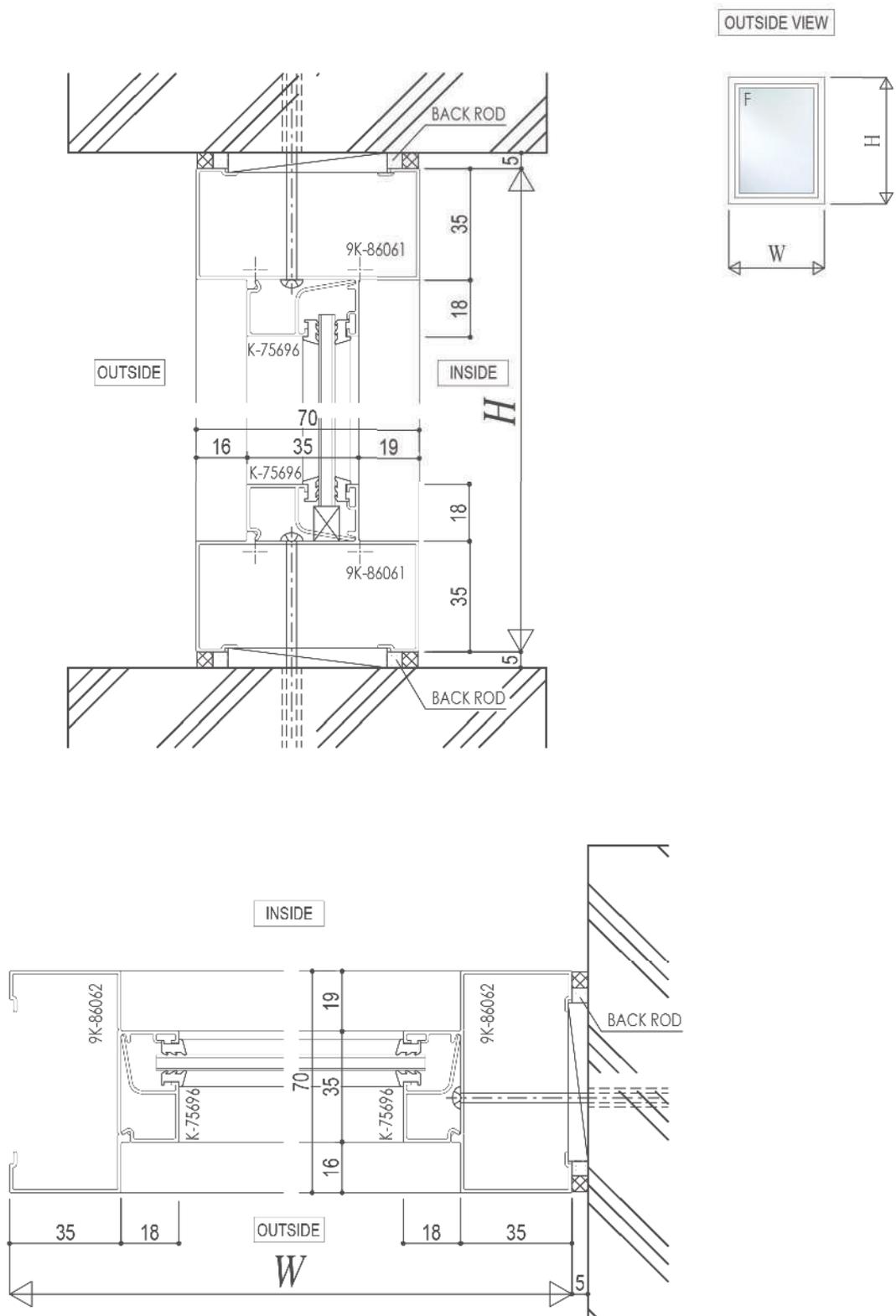
YCR

YCB

SPANDREL & CEILING

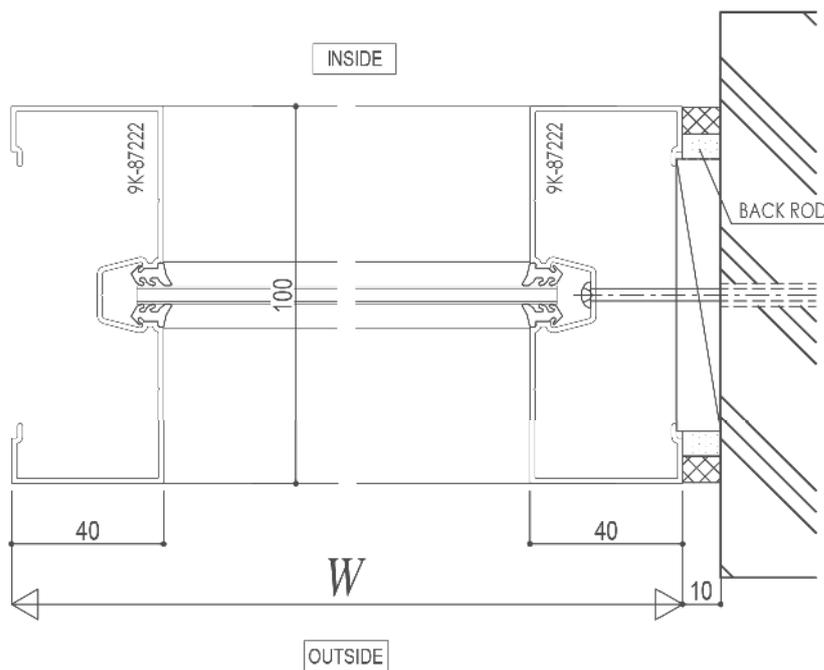
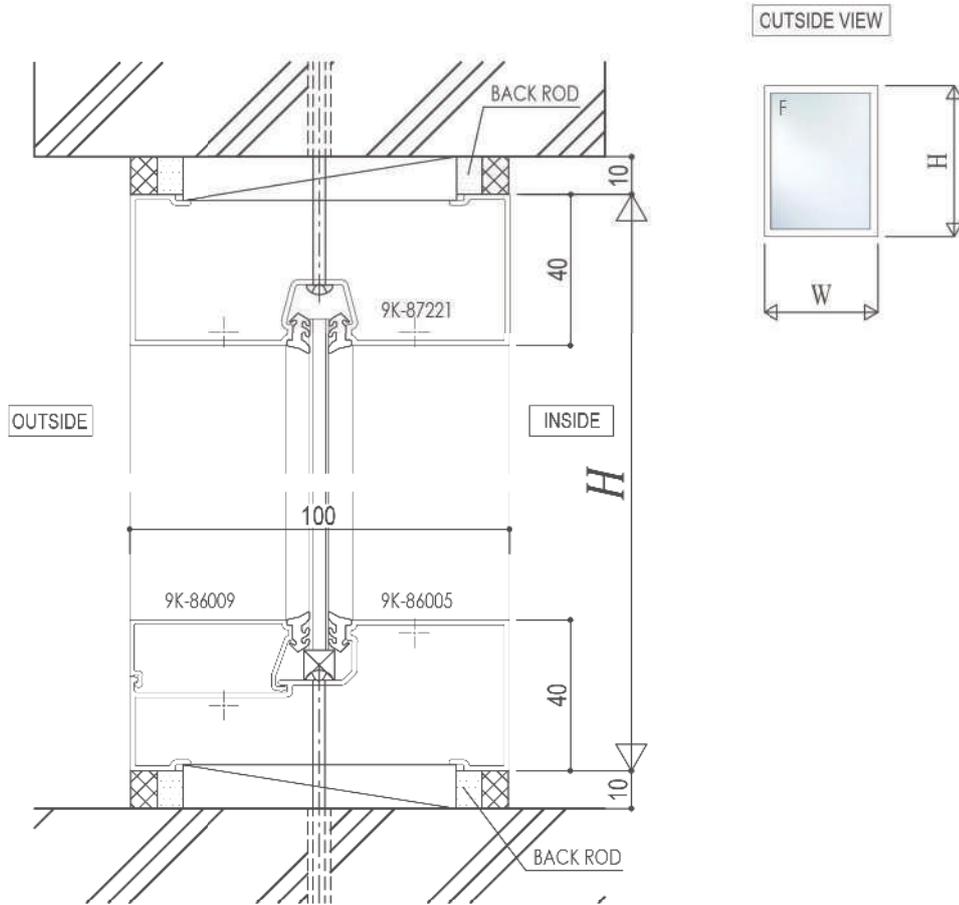
ROLLING SHUTTER

GENERAL SHAPE



1.1. FIX DEPTH 100 TYPE1

SCALE 1:2



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

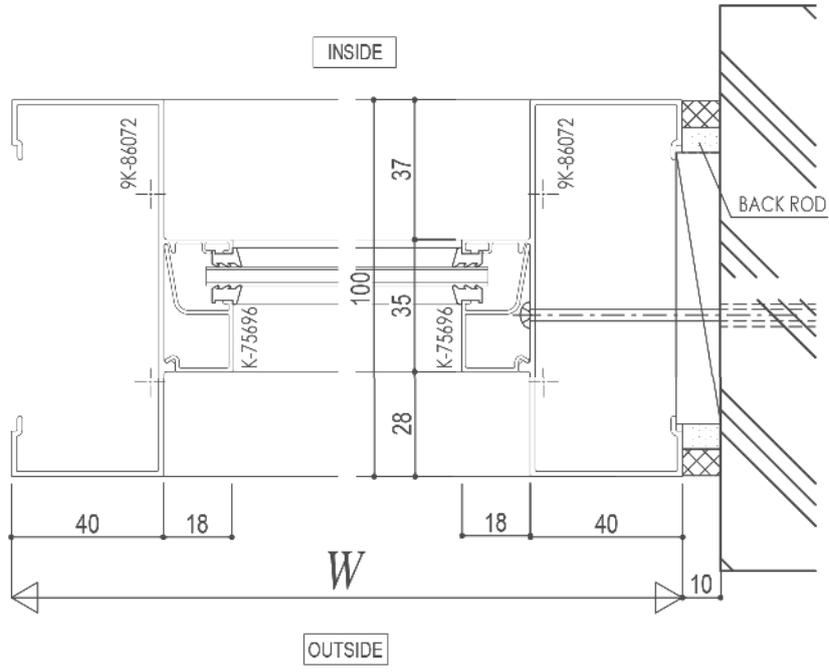
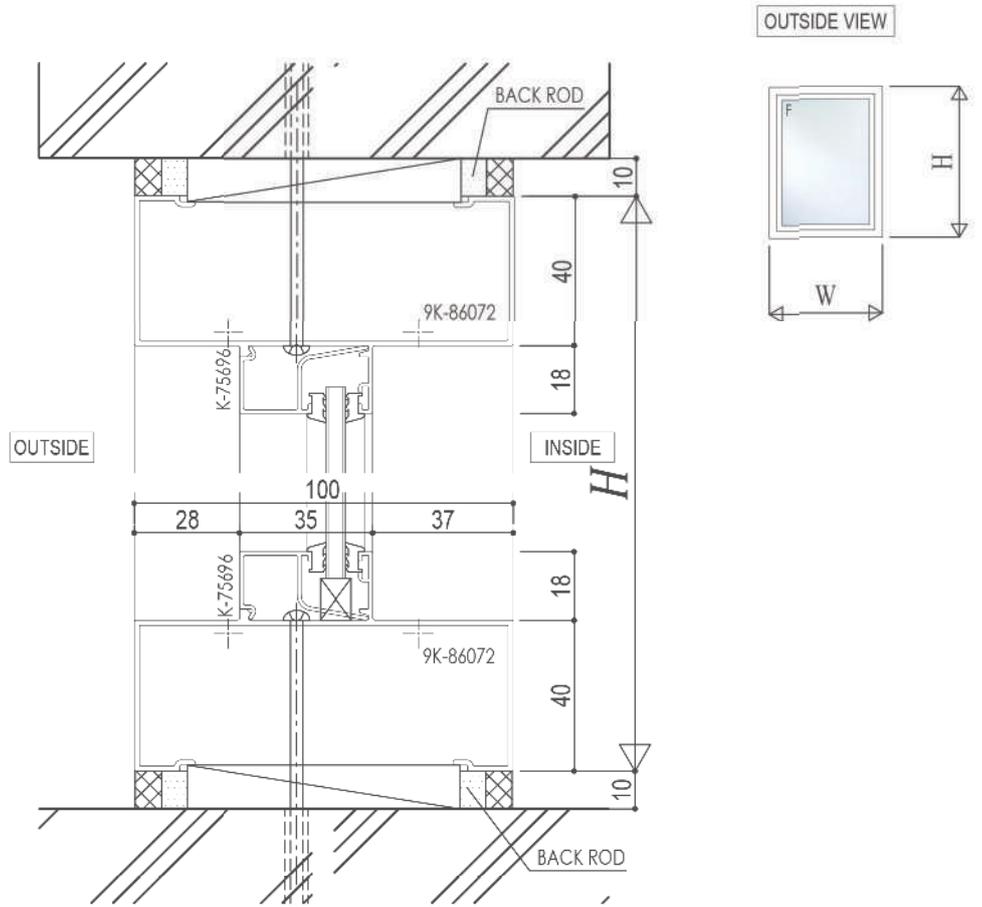
ROLLING SHUTTER

GENERAL SHAPE

FIX
TOP HUNG, CASEMENT
SLIDING
LOUVER
BUTT HINGE DOOR
FLOOR HINGE DOOR
SEMI FRAMELESS DOOR
SLIDING
STEP WINDOW
CONTINUOUS WINDOW
YCR
YCB
SPANDREL & CEILING
ROLLING SHUTTER
GENERAL SHAPE

1.1. FIX DEPTH 100 TYPE2

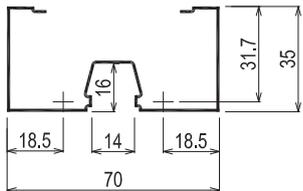
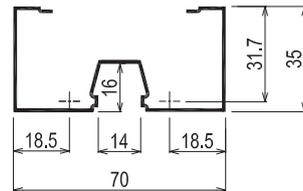
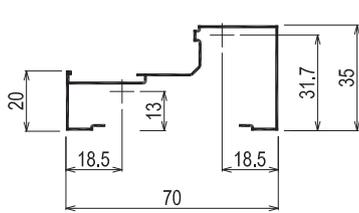
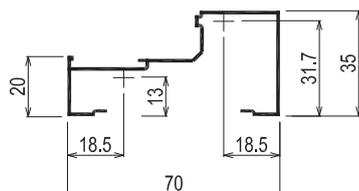
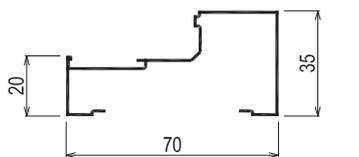
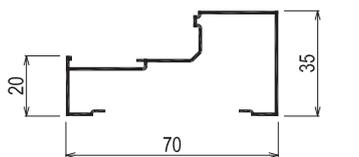
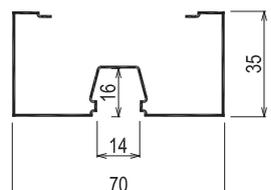
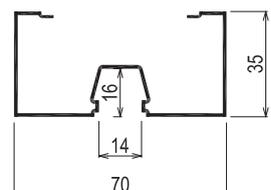
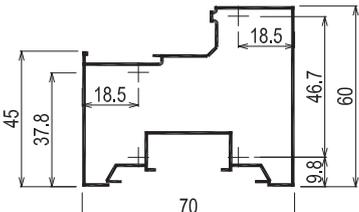
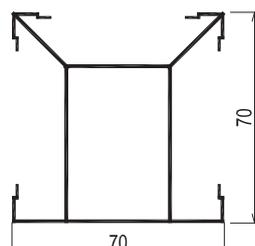
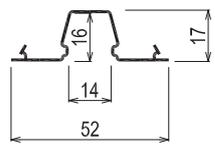
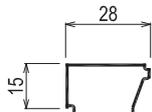
SCALE 1:2



PROFILE LIST

SCALE 1:2.5

FIX DEPTH 70

<p>9K-87246</p> <p>WEIGHT : 0.591 kg/m COAT PERIMETER : 142 mm THICKNESS : 1.00 mm</p>  <p>HEAD</p>	<p>9K-87249</p> <p>WEIGHT : 0.698 kg/m COAT PERIMETER : 142 mm THICKNESS : 1.20 mm</p>  <p>HEAD</p>	<p>9K-86025</p> <p>WEIGHT : 0.527 kg/m COAT PERIMETER : 100 mm THICKNESS : 1.00 mm</p>  <p>SILL/TRANSOM</p>
<p>9K-86045</p> <p>WEIGHT : 0.618 kg/m COAT PERIMETER : 100 mm THICKNESS : 1.20 mm</p>  <p>SILL/TRANSOM</p>	<p>9K-86026</p> <p>WEIGHT : 0.464 kg/m COAT PERIMETER : 100 mm THICKNESS : 1.00 mm</p>  <p>SILL/TRANSOM</p>	<p>9K-86046</p> <p>WEIGHT : 0.544 kg/m COAT PERIMETER : 100 mm THICKNESS : 1.20 mm</p>  <p>SILL/TRANSOM</p>
<p>9K-87247</p> <p>WEIGHT : 0.527 kg/m COAT PERIMETER : 142 mm THICKNESS : 1.00 mm</p>  <p>JAMB/MULLION</p>	<p>9K-87250</p> <p>WEIGHT : 0.624 kg/m COAT PERIMETER : 142 mm THICKNESS : 1.20 mm</p>  <p>JAMB/MULLION</p>	<p>9K-86031</p> <p>WEIGHT : 1.097 kg/m COAT PERIMETER : 150 mm THICKNESS : 1.20 mm</p>  <p>TRANSOM</p>
<p>9K-86034</p> <p>WEIGHT : 1.158 kg/m COAT PERIMETER : 127 mm THICKNESS : 1.20 mm</p>  <p>MULLION</p>	<p>9K-87248</p> <p>WEIGHT : 0.254 kg/m COAT PERIMETER : 36 mm THICKNESS : 1.00 mm</p>  <p>ATTACHMENT</p>	<p>9K-86029</p> <p>WEIGHT : 0.190 kg/m COAT PERIMETER : 42 mm THICKNESS : 1.00 mm</p>  <p>GLASS BEAD</p>

FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

PROFILE LIST

SCALE 1:2.5

- FIX
- TOP HUNG, CASEMENT
- SLIDING
- LOUVER
- BUTT HINGE DOOR
- FLOOR HINGE DOOR
- SEMI FRAMELESS DOOR
- SLIDING
- STEP WINDOW
- CONTINUOUS WINDOW
- YCR
- YCB
- SPANDREL & CEILING
- ROLLING SHUTTER
- GENERAL SHAPE

9K-86061	9K-87255	9K-86062
WEIGHT : 0.602 kg/m COAT PERIMETER : 205 mm THICKNESS : 1.00 mm	WEIGHT : 0.696 kg/m COAT PERIMETER : 205 mm THICKNESS : 1.20 mm	WEIGHT : 0.539 kg/m COAT PERIMETER : 205 mm THICKNESS : 1.00 mm
9K-86064	9K-86063	9K-86028
WEIGHT : 0.814 kg/m COAT PERIMETER : 304 mm THICKNESS : 1.00 mm	WEIGHT : 0.267 kg/m COAT PERIMETER : 100 mm THICKNESS : 1.00 mm	WEIGHT : 0.168 kg/m COAT PERIMETER : 53 mm THICKNESS : 1.00 mm
K-75696		
WEIGHT : 0.191 kg/m COAT PERIMETER : 34 mm THICKNESS : 1.00 mm		

FIX DEPTH 100

9K-87221	9K-86005	9K-86006
WEIGHT : 0.945 kg/m COAT PERIMETER : 188 mm THICKNESS : 1.35 mm	WEIGHT : 0.856 kg/m COAT PERIMETER : 131 mm THICKNESS : 1.35 mm	WEIGHT : 0.786 kg/m COAT PERIMETER : 131 mm THICKNESS : 1.35 mm

PROFILE LIST

SCALE 1:2.5

<p>9K-87226</p> <p>WEIGHT : 0.781 kg/m COAT PERIMETER : 120 mm THICKNESS : 1.35 mm</p> <p>SILL</p>	<p>9K-87222</p> <p>WEIGHT : 0.874 kg/m COAT PERIMETER : 188 mm THICKNESS : 1.35 mm</p> <p>JAMB/MULLION</p>	<p>9K-86012</p> <p>WEIGHT : 1.743 kg/m COAT PERIMETER : 129 mm THICKNESS : 1.35 mm</p> <p>CORNER MULLION</p>
<p>9K-87225</p> <p>WEIGHT : 0.454 kg/m COAT PERIMETER : 60 mm THICKNESS : 1.35 mm</p> <p>ATTACHMENT</p>	<p>9K-86009</p> <p>WEIGHT : 0.259 kg/m COAT PERIMETER : 57 mm THICKNESS : 1.15 mm</p> <p>CLASS BEAD</p>	
<p>9K-86072</p> <p>WEIGHT : 0.928 kg/m COAT PERIMETER : 242 mm THICKNESS : 1.35 mm</p> <p>HEAD/SILL/TRANSOM</p>	<p>9K-86008</p> <p>WEIGHT : 0.304 kg/m COAT PERIMETER : 77 mm THICKNESS : 1.35 mm</p> <p>ATTACHMENT</p>	<p>9K-86073</p> <p>WEIGHT : 0.402 kg/m COAT PERIMETER : 139 mm THICKNESS : 1.35 mm</p> <p>ATTACHMENT</p>
<p>9K-75896</p> <p>WEIGHT : 0.191 kg/m COAT PERIMETER : 34 mm THICKNESS : 1.00 mm</p> <p>GLASS BLAD</p>		

FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

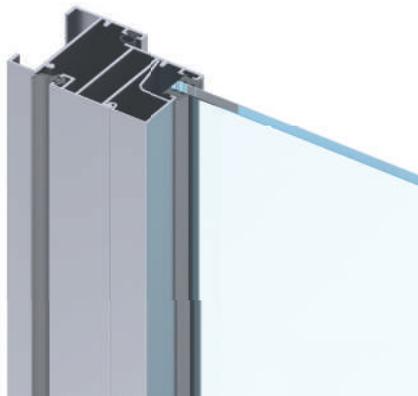
ROLLING SHUTTER

GENERAL SHAPE

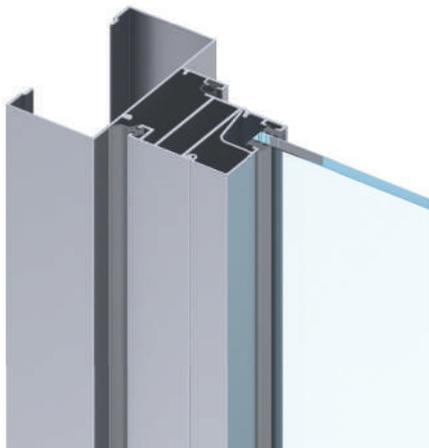
1.2 TOP HUNG AND CASEMENT



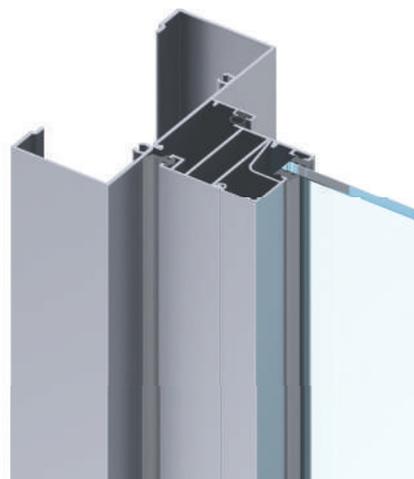
Tophung and Casement window are a window that opens on a hinge or friction stay. Tophung is also known as awning that open out from bottom while casement opens by swing outward. Both offers a great ventilation and easy operation.



Window - Top Hung 40 Depth



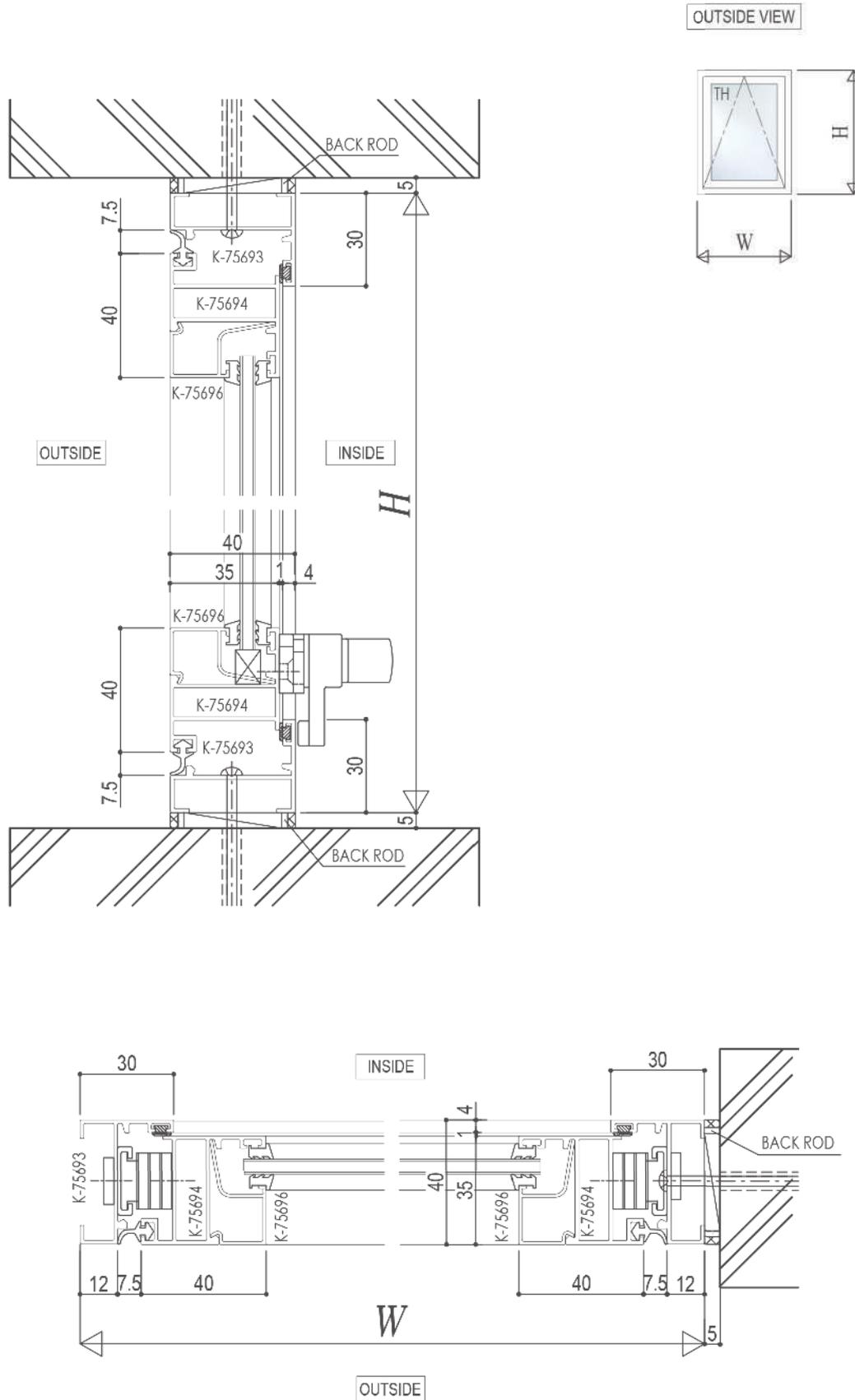
Window - Top Hung 70 Depth



Window - Top Hung 100 Depth

1.2. TOP HUNG DEPTH 40

SCALE 1:2



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

FIX

1.2. TOP HUNG DEPTH 70

SCALE 1:2

TOP HUNG,
CASEMENT

SLIDING

LOUVER

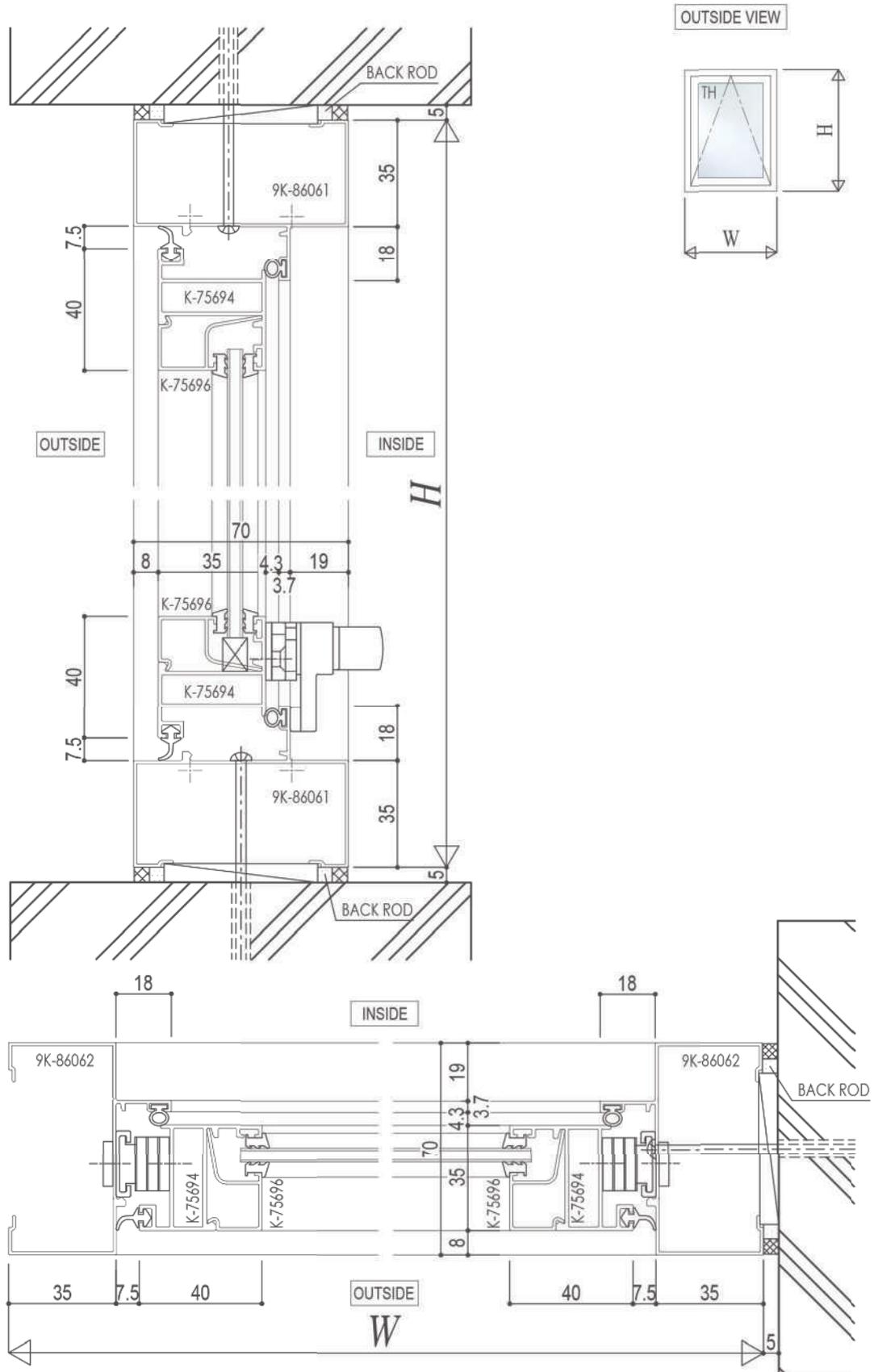
BUTT
HINGE
DOORFLOOR
HINGE
DOORSEMI
FRAMELESS
DOOR

SLIDING

STEP
WINDOWCONTINUOUS
WINDOW

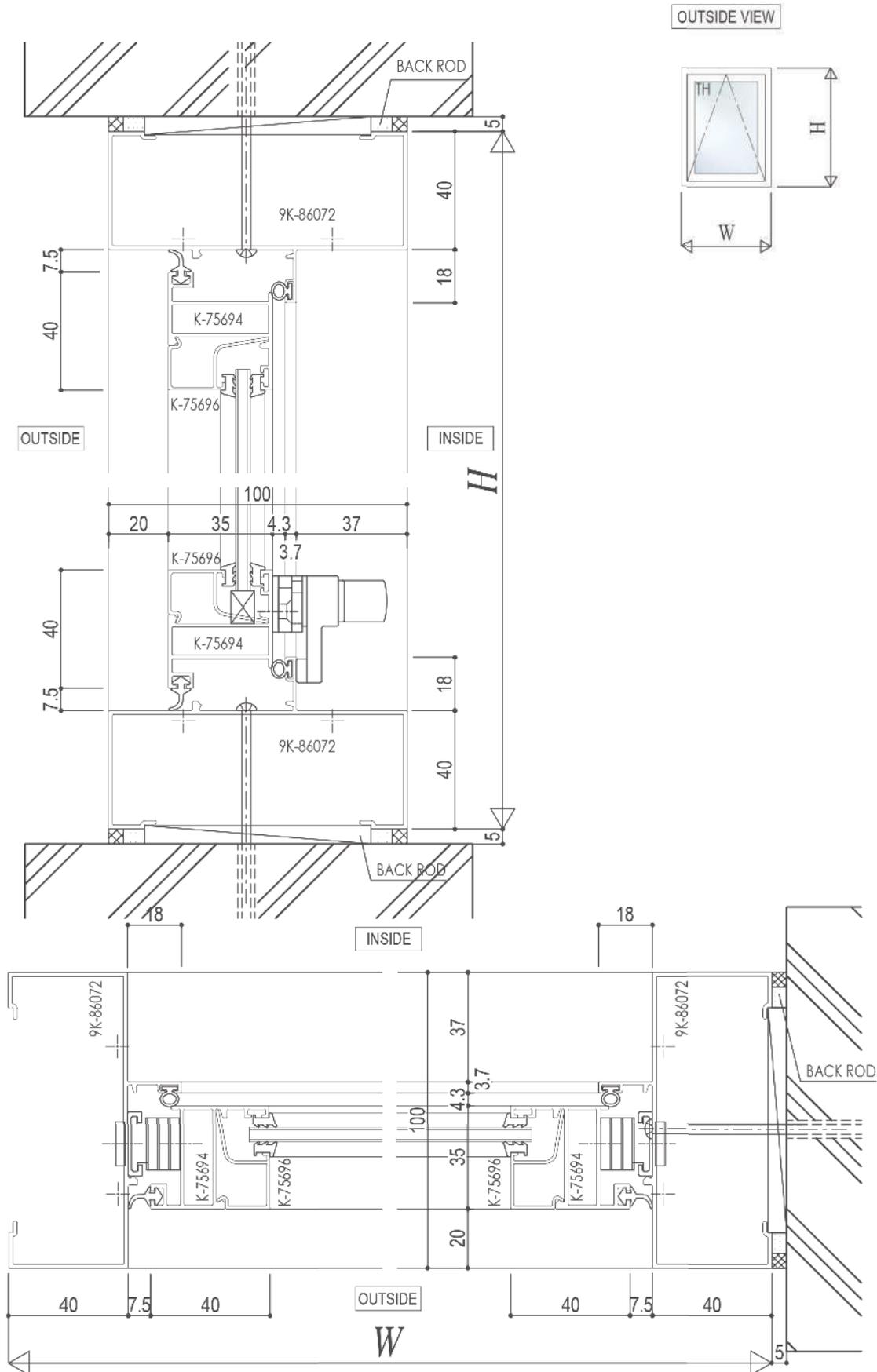
YCR

YCB

SPANDREL
& CEILINGROLLING
SHUTTERGENERAL
SHAPE

1.2. TOP HUNG DEPTH 100

SCALE 1:2



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

PROFILE LIST

SCALE 1:2.5

FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

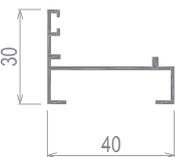
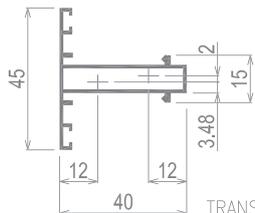
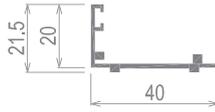
YCB

SPANDREL & CEILING

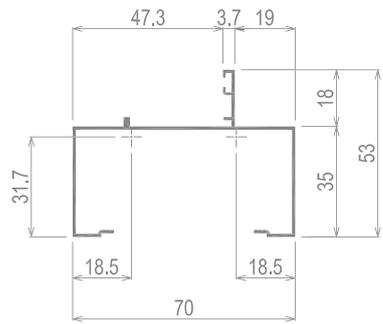
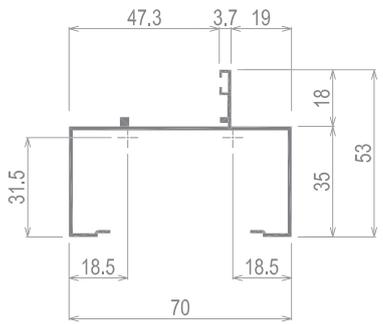
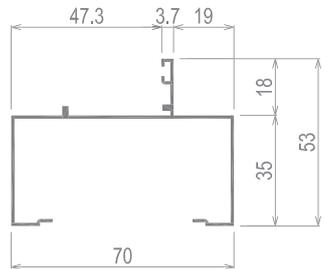
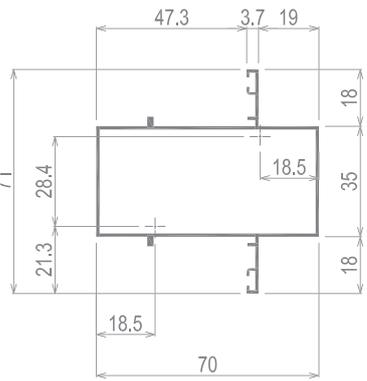
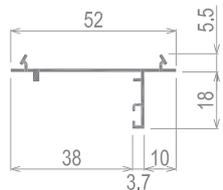
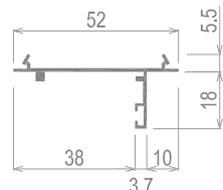
ROLLING SHUTTER

GENERAL SHAPE

TOP HUNG / CASEMENT DEPTH 40 (OUTER)

	K-75693	K-75695	K-70780
WEIGHT	: 0.349 kg/m	: 0.613 kg/m	: 0.287 kg/m
COAT PERIMETER	: 53 mm	: 136 mm	: 90.91 mm
THICKNESS	: 1.20 mm	: 1.20 mm	: 1.20 mm
			
	FRAME	TRANSOM	ATTACHMENT

TOP HUNG / CASEMENT DEPTH 70 (OUTER)

	9K-86061	9K-87255	9K-86062
WEIGHT	: 0.602 kg/m	: 0.696 kg/m	: 0.539 kg/m
COAT PERIMETER	: 205 mm	: 205 mm	: 205 mm
THICKNESS	: 1.00 mm	: 1.20 mm	: 1.00 mm
			
	HEAD/SILL	HEAD/SILL	HEAD/SILL
	9K-86064	9K-86063	9K-87256
WEIGHT	: 0.814 kg/m	: 0.267 kg/m	: 0.293 kg/m
COAT PERIMETER	: 304 mm	: 100 mm	: 100 mm
THICKNESS	: 1.00 mm	: 1.00 mm	: 1.20 mm
			
		ATTACHMENT	ATTACHMENT

PROFILE LIST

SCALE 1:2.5

FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

TOP HUNG / CASEMENT DEPTH 100 (OUTER)

9K-86072		9K-86073	
WEIGHT	: 0.928 kg/m	WEIGHT	: 0.402 kg/m
COAT PERIMETER	: 242 mm	COAT PERIMETER	: 139 mm
THICKNESS	: 1.35 mm	THICKNESS	: 1.35 mm

HEAD / SILL

ATTACHMENT

TOP HUNG / CASEMENT (INNER)

K-75894		K-75696	
WEIGHT	: 0.495 kg/m	WEIGHT	: 0.191 kg/m
COAT PERIMETER	: 135 mm	COAT PERIMETER	: 34 mm
THICKNESS	: 1.20 mm	THICKNESS	: 1.00 mm

INNER FRAME

GLASS BEAD

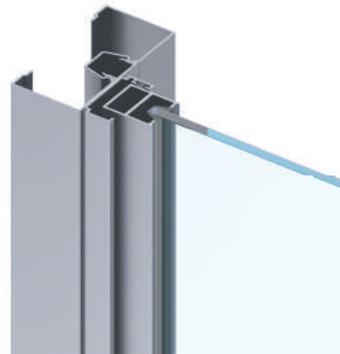
1.3 SLIDING



Sliding windows are more efficient and cost effective than other operable types of windows. It slides to open and save space too. Sliding windows can be opened as far as you want to let the fresh air in.



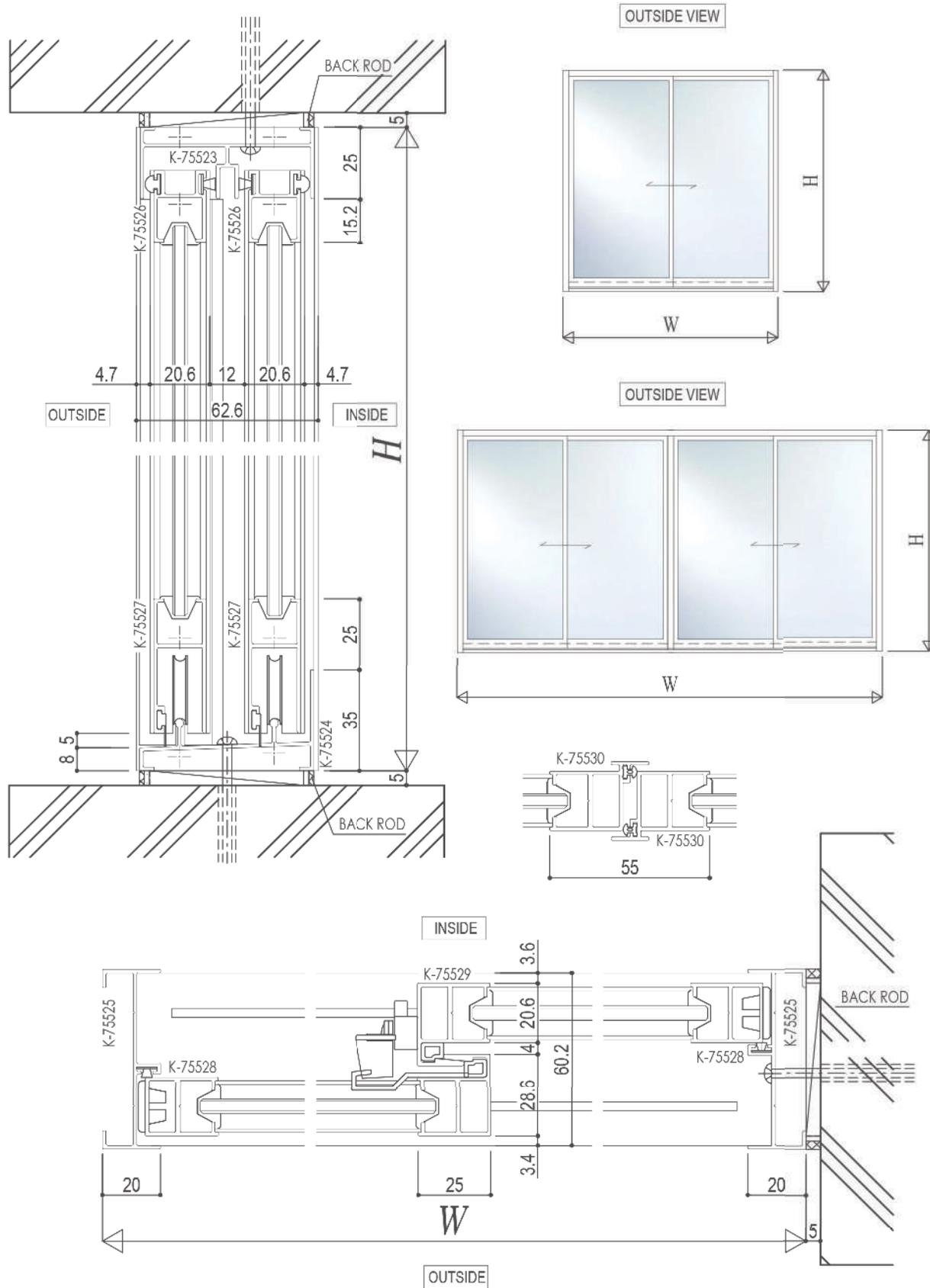
Window - Sliding 60 Depth



Window - Sliding 70 Depth

1.3. SLIDING DEPTH 60

SCALE 1:2



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

PROFILE LIST

SCALE 1:2.5

FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

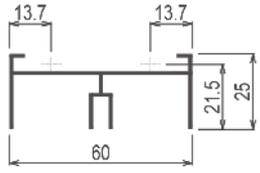
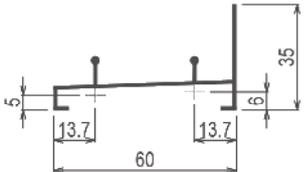
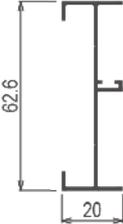
YCB

SPANDREL & CEILING

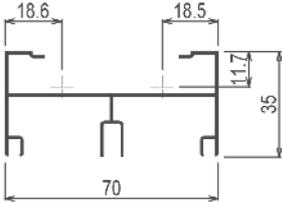
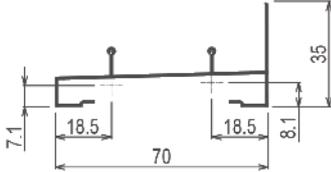
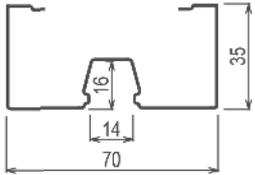
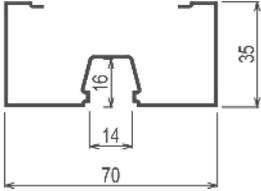
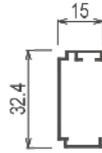
ROLLING SHUTTER

GENERAL SHAPE

SLIDING DEPTH 60 (OUTER)

K-75523	K-75524	K-75525
WEIGHT : 0.561 kg/m COAT PERIMETER : 213 mm THICKNESS : 1.20 mm	WEIGHT : 0.502 kg/m COAT PERIMETER : 165 mm THICKNESS : 1.20 mm	WEIGHT : 0.400 kg/m COAT PERIMETER : 144 mm THICKNESS : 1.20 mm
		

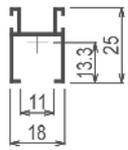
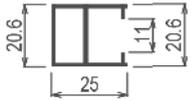
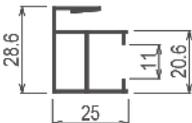
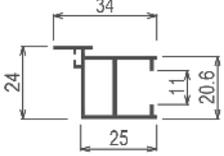
SLIDING DEPTH 70 (OUTER)

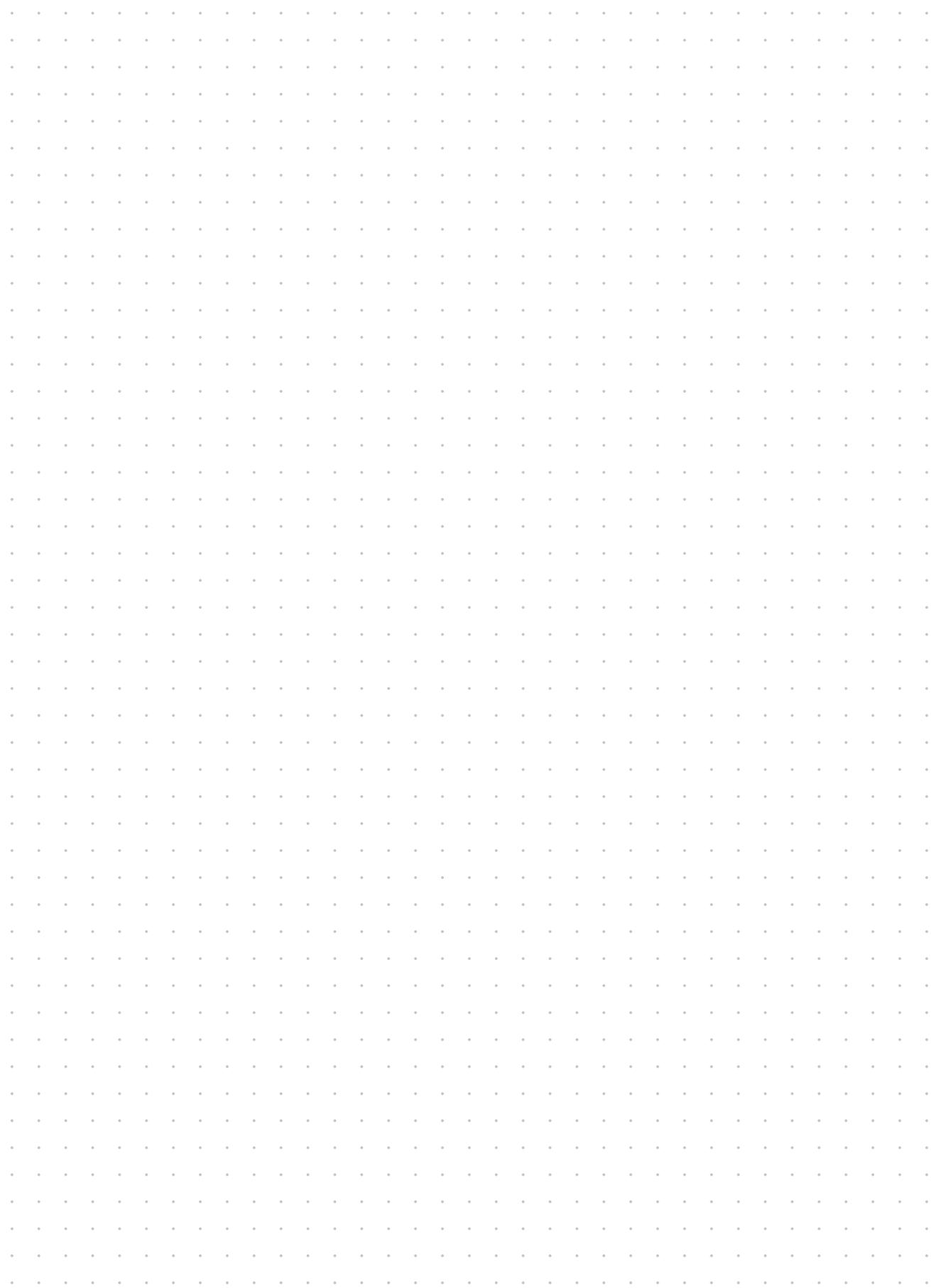
9K-86065	9K-86066	9K-87247
WEIGHT : 0.683 kg/m COAT PERIMETER : 314 mm THICKNESS : 1.00 mm	WEIGHT : 0.541 kg/m COAT PERIMETER : 194 mm THICKNESS : 1.00 mm	WEIGHT : 0.527 kg/m COAT PERIMETER : 142 mm THICKNESS : 1.00 mm
		
9K-87250	9K-86030	9K-99715
WEIGHT : 0.624 kg/m COAT PERIMETER : 142 mm THICKNESS : 1.20 mm	WEIGHT : 0.090 kg/m COAT PERIMETER : 17 mm THICKNESS : 1.00 mm	WEIGHT : 0.193 kg/m COAT PERIMETER : 90 mm THICKNESS : 1.00 mm
		

PROFILE LIST

SCALE 1:2.5

SLIDING DEPTH 60 (INNER)

	K-75526	K-75527	K-75528
WEIGHT	: 0.297 kg/m	: 0.431 kg/m	: 0.318 kg/m
COAT PERIMETER	: 44 mm	: 100 mm	: 82 mm
THICKNESS	: 1.20 mm	: 1.20 mm	: 1.20 mm
			
	TOP RAIL	BOTTOM RAIL	STILE
	K-75529	K-75530	
WEIGHT	: 0.415 kg/m	: 0.383 kg/m	
COAT PERIMETER	: 127 mm	: 100 mm	
THICKNESS	: 1.20 mm	: 1.20 mm	
			
	INTER LOCKING STILE	MEETING STILE	



1.4 LOUVER



Aluminum louver has a blindfold and ventilation function, to control air and light that comes in. The blade expected to have the effect of eaves (shade and rain) while adding accents (shading) to the exterior of the house or building. Let the air in while shielding from the sunlight.



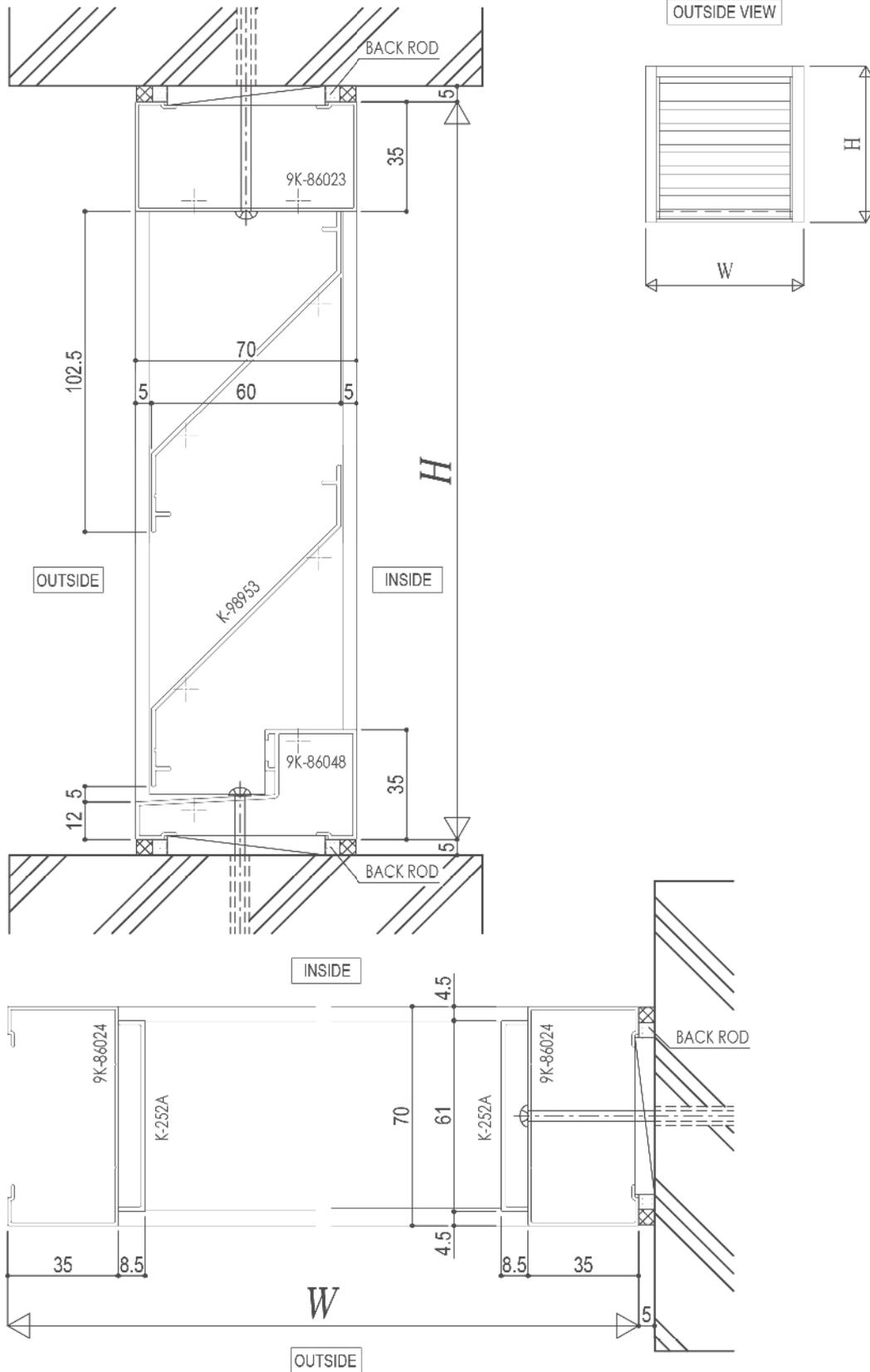
Window - Louver 70 Depth



Window - Louver 100 Depth

1.4. LOUVER DEPTH 70

SCALE 1:2



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

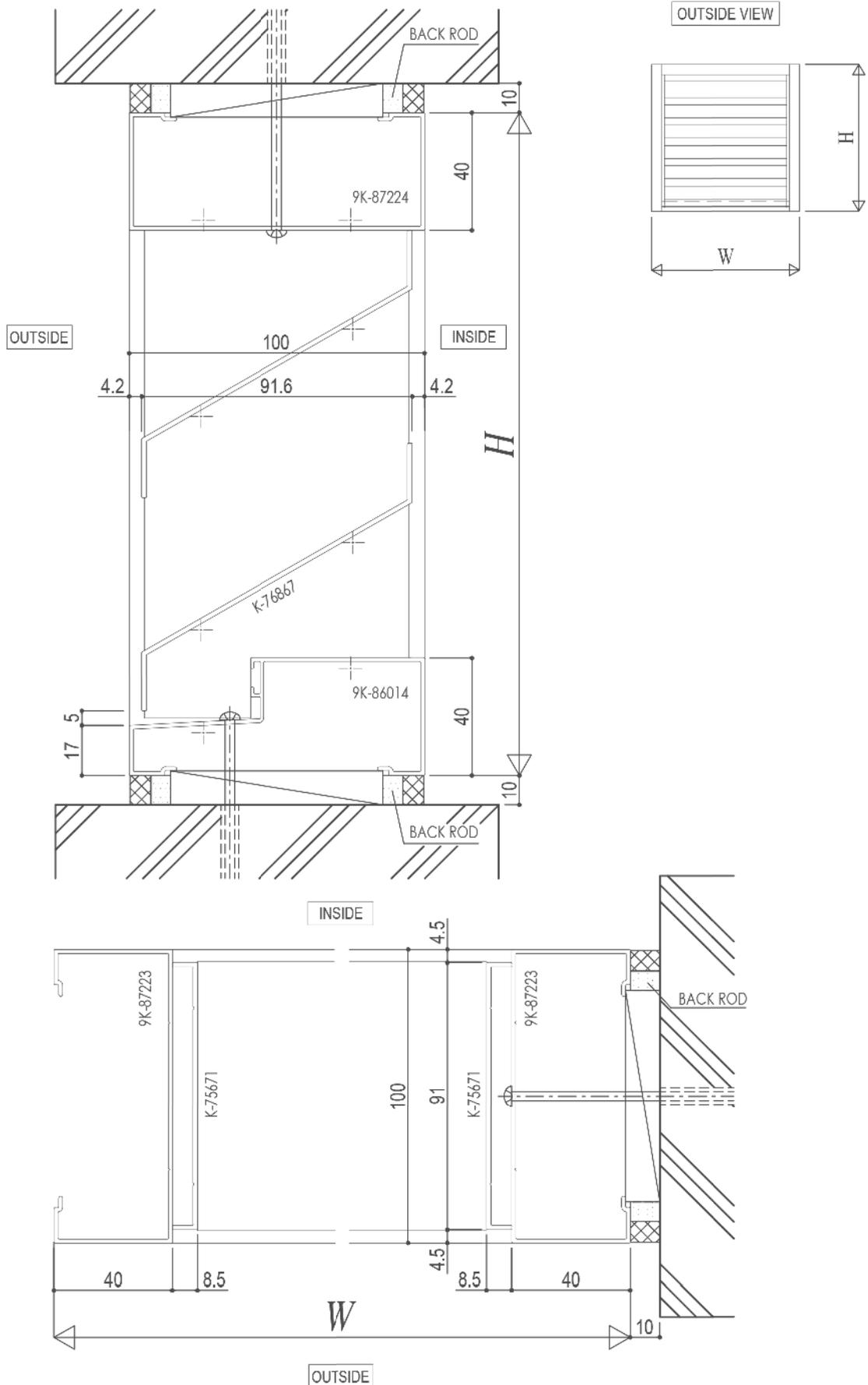
SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

1.4. LOUVER DEPTH 100

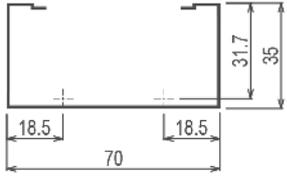
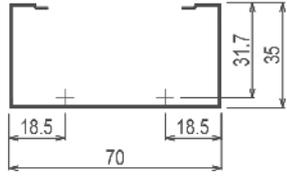
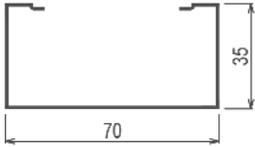
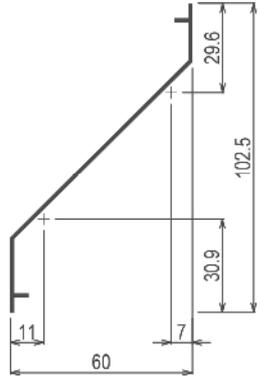
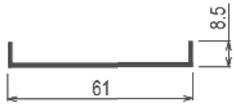
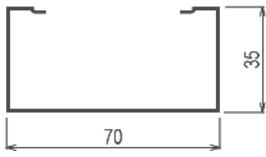
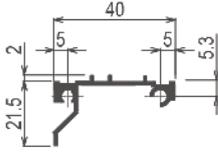
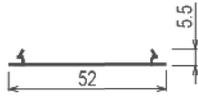
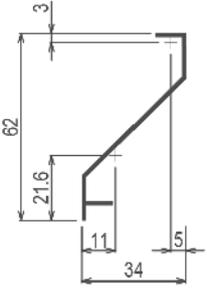
SCALE 1:2



PROFILE LIST

SCALE 1:2.5

LOUVER DEPTH 70

<p>9K-86023</p> <p>WEIGHT : 0.505 kg/m COAT PERIMETER : 158 mm THICKNESS : 1.00 mm</p>  <p>HEAD</p>	<p>9K-86043</p> <p>WEIGHT : 0.595 kg/m COAT PERIMETER : 158 mm THICKNESS : 1.20 mm</p>  <p>HEAD</p>	<p>9K-86048</p> <p>WEIGHT : 0.607 kg/m COAT PERIMETER : 156 mm THICKNESS : 1.20 mm</p>  <p>SILL</p>
<p>9K-86024</p> <p>WEIGHT : 0.441 kg/m COAT PERIMETER : 158 mm THICKNESS : 1.00 mm</p>  <p>JAMB / MJ LICH</p>	<p>K-98953</p> <p>WEIGHT : 0.555 kg/m COAT PERIMETER : 306 mm THICKNESS : 1.30 mm</p>  <p>LOUVER</p>	<p>K-252A</p> <p>WEIGHT : 0.303 kg/m COAT PERIMETER : 79 mm THICKNESS : 1.50 mm</p>  <p>ATTACH-M-NI</p>
<p>9K-86044</p> <p>WEIGHT : 0.521 kg/m COAT PERIMETER : 158 mm THICKNESS : 1.20 mm</p>  <p>JAMB / MJ LICH</p>	<p>K-99596</p> <p>WEIGHT : 0.558 kg/m COAT PERIMETER : 176 mm THICKNESS : 1.50 mm</p>  <p>LOUVER</p>	<p>9K-86028</p> <p>WEIGHT : 0.168 kg/m COAT PERIMETER : 53 mm THICKNESS : 1.00 mm</p>  <p>ATTACHMENT</p>
<p>K-254</p> <p>WEIGHT : 0.423 kg/m COAT PERIMETER : 118 mm THICKNESS : 1.30 mm</p>  <p>LOUVER</p>		

FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

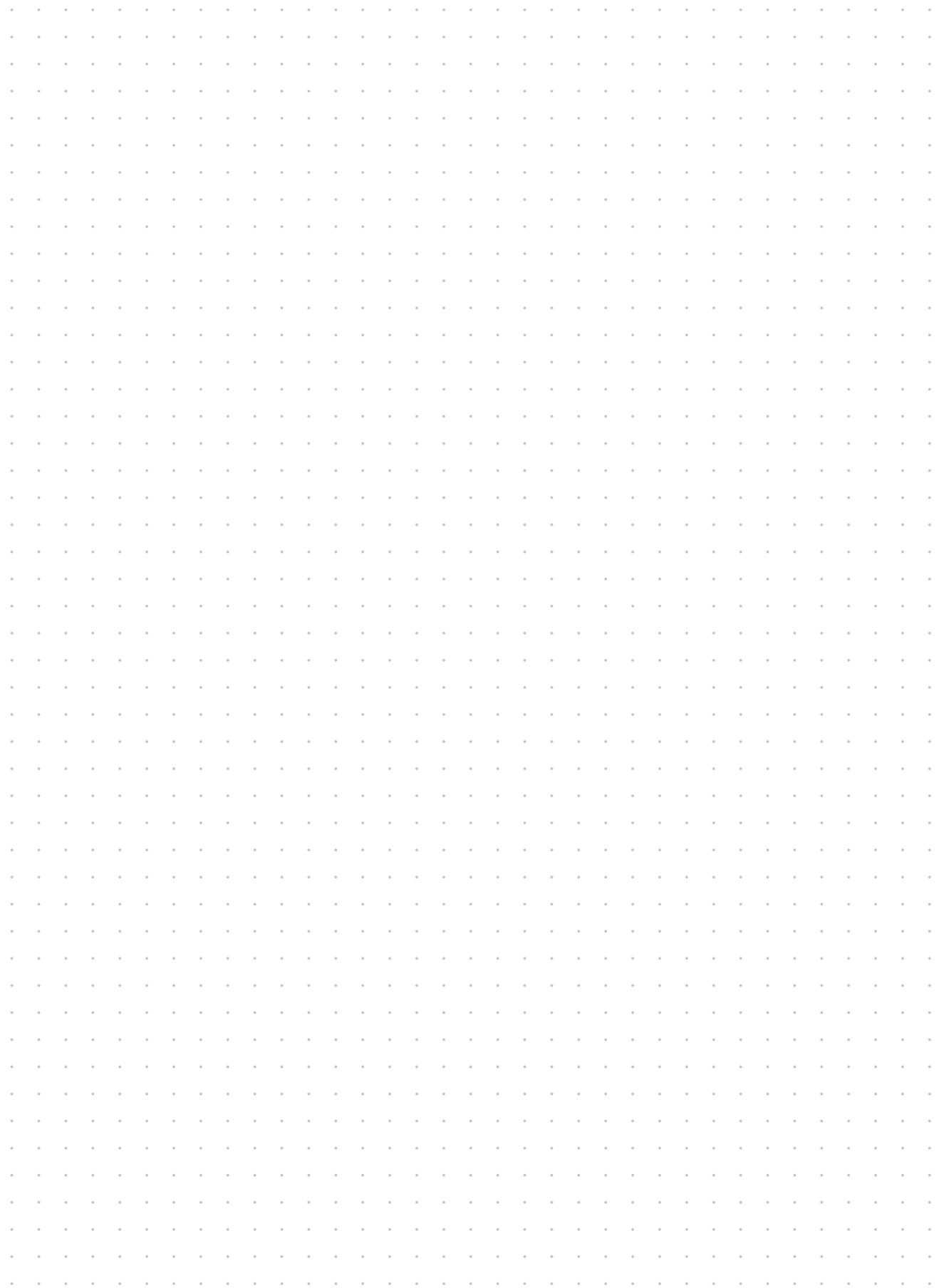
GENERAL SHAPE

PROFILE LIST

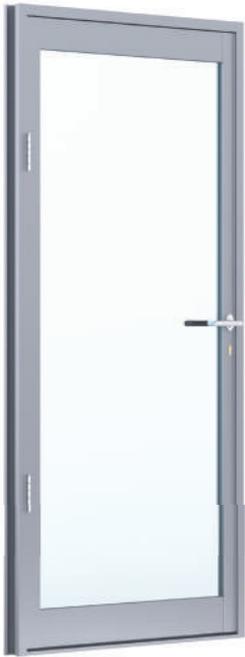
SCALE 1:2.5

LOUVER DEPTH 100

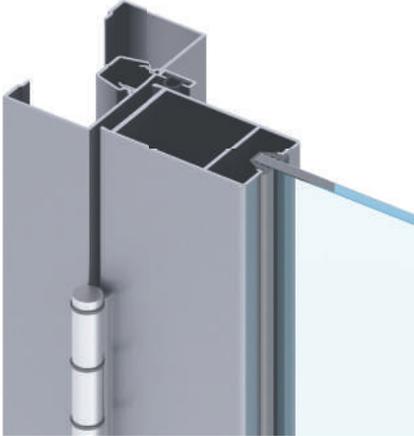
	9K-87224	9K-86014	9K-87223
SLIDING	WEIGHT : 0.830 kg/m COAT PERIMETER : 205 mm THICKNESS : 1.35 mm	WEIGHT : 0.858 kg/m COAT PERIMETER : 178 mm THICKNESS : 1.35 mm	WEIGHT : 0.760 kg/m COAT PERIMETER : 205 mm THICKNESS : 1.35 mm
LOUVER			
BUTT HINGE DOOR			
FLOOR HINGE DOOR			
SEMI FRAMELESS DOOR	K-75677	K-76867	9K-86008
SLIDING	WEIGHT : 0.424 kg/m COAT PERIMETER : 108 mm THICKNESS : 1.50 mm	WEIGHT : 0.707 kg/m COAT PERIMETER : 143 mm THICKNESS : 1.60 mm	WEIGHT : 0.304 kg/m COAT PERIMETER : 77 mm THICKNESS : 1.35 mm
STEP WINDOW			
CONTINUOUS WINDOW			
YCR			
YCB			
SPANDREL & CEILING			
ROLLING SHUTTER			
GENERAL SHAPE			



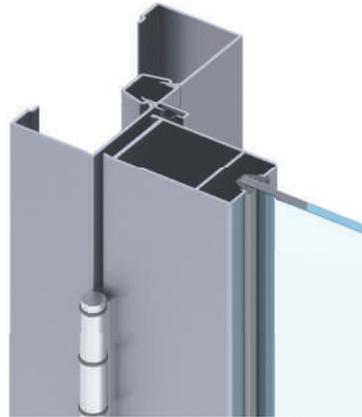
2.1 BUTT HINGED DOOR



Butt hinged door supports a wide range of applications such as stores, residential and offices, commonly used on entry doors and passage doors. Butt hinge has ability to sustain heavy weight.



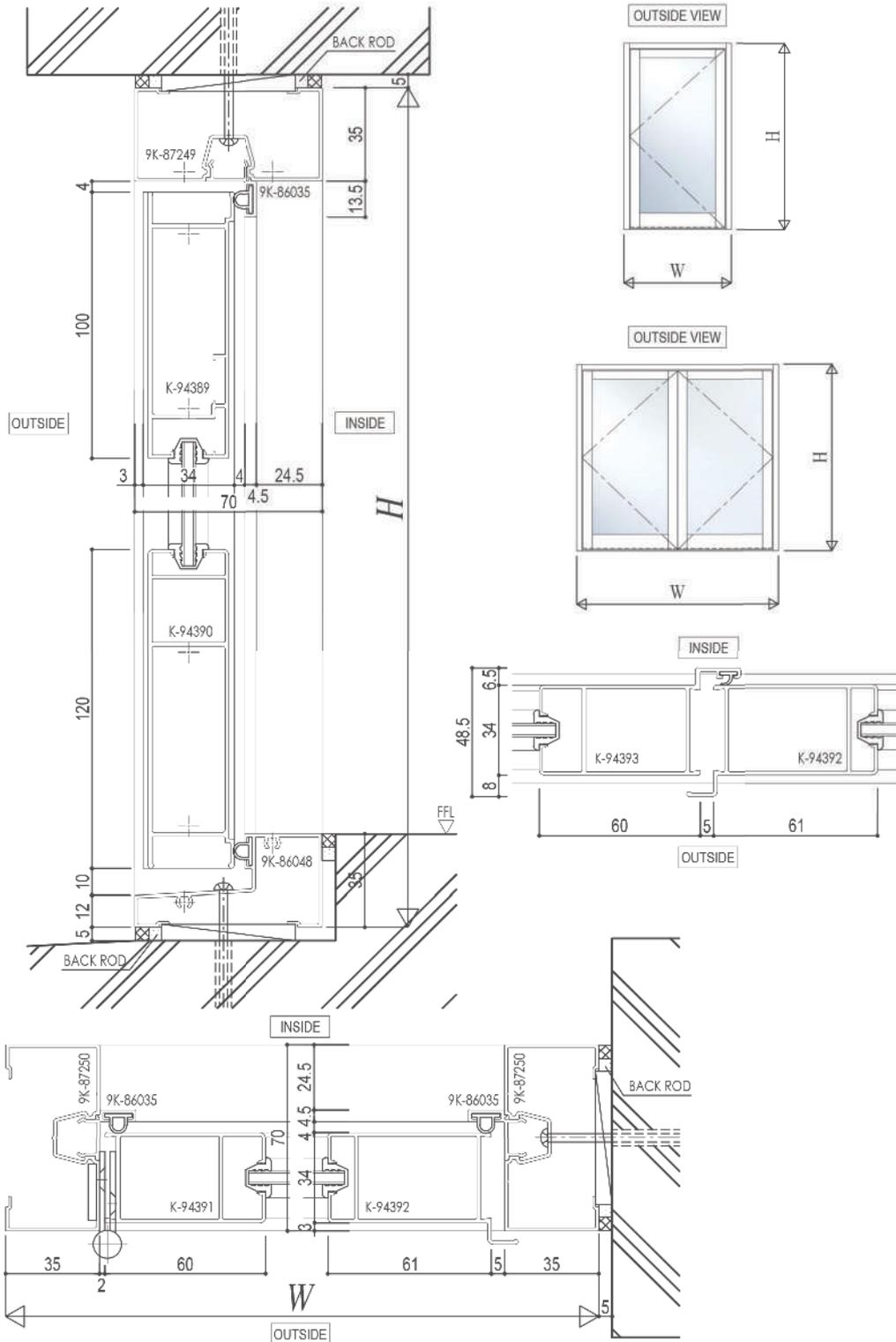
Butt Hinge - 70 Depth DT34



Butt Hinge - 100 Depth DT34

2.1. BUTT HINGE DOOR DEPTH 70 DT34

SCALE 1:2.5



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

FIX

TOP HUNG,
CASEMENT

SLIDING

LOUVER

BUTT
HINGE
DOORFLOOR
HINGE
DOORSEMI
FRAMELESS
DOOR

SLIDING

STEP
WINDOWCONTINUOUS
WINDOW

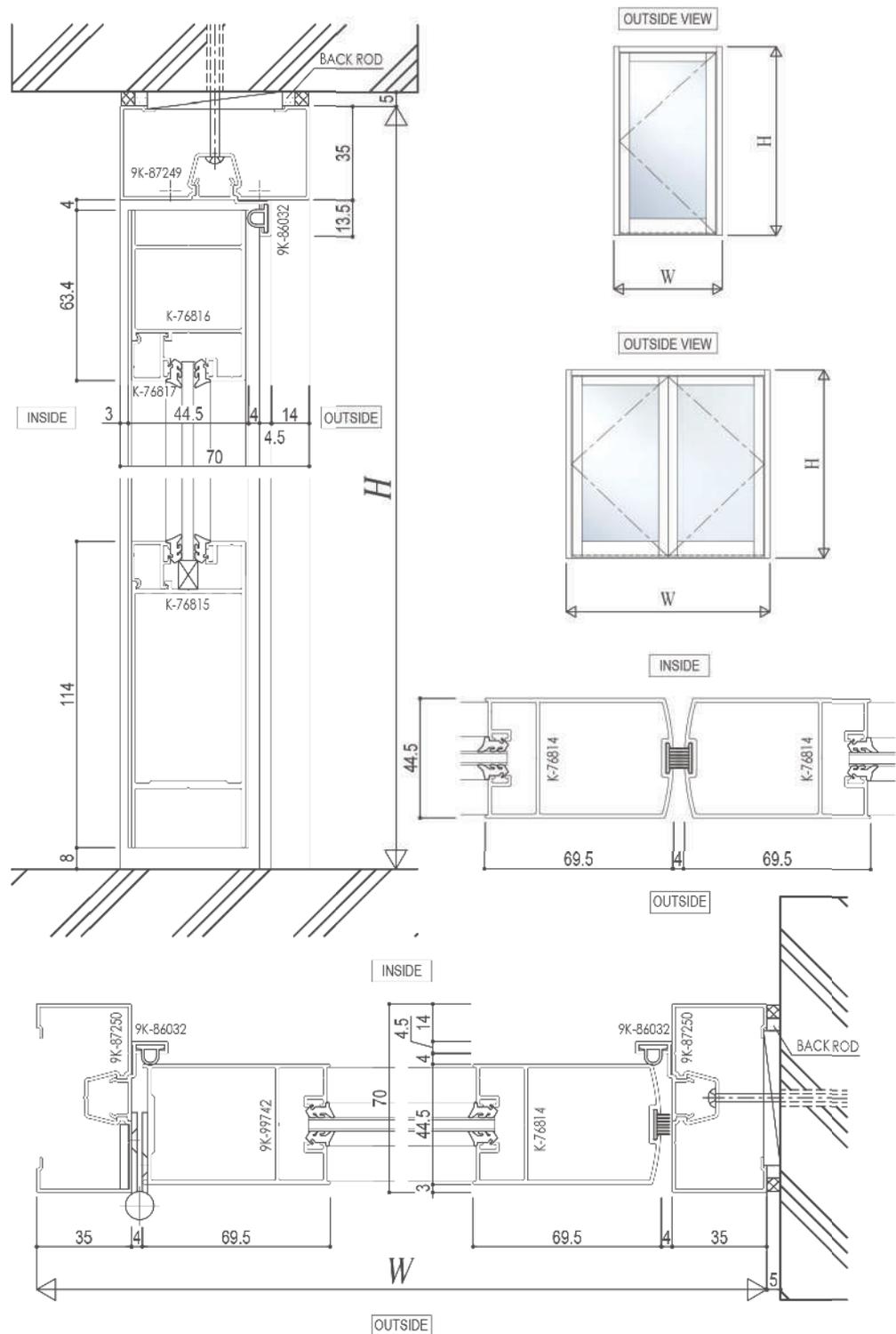
YCR

YCB

SPANDREL
& CEILINGROLLING
SHUTTERGENERAL
SHAPE

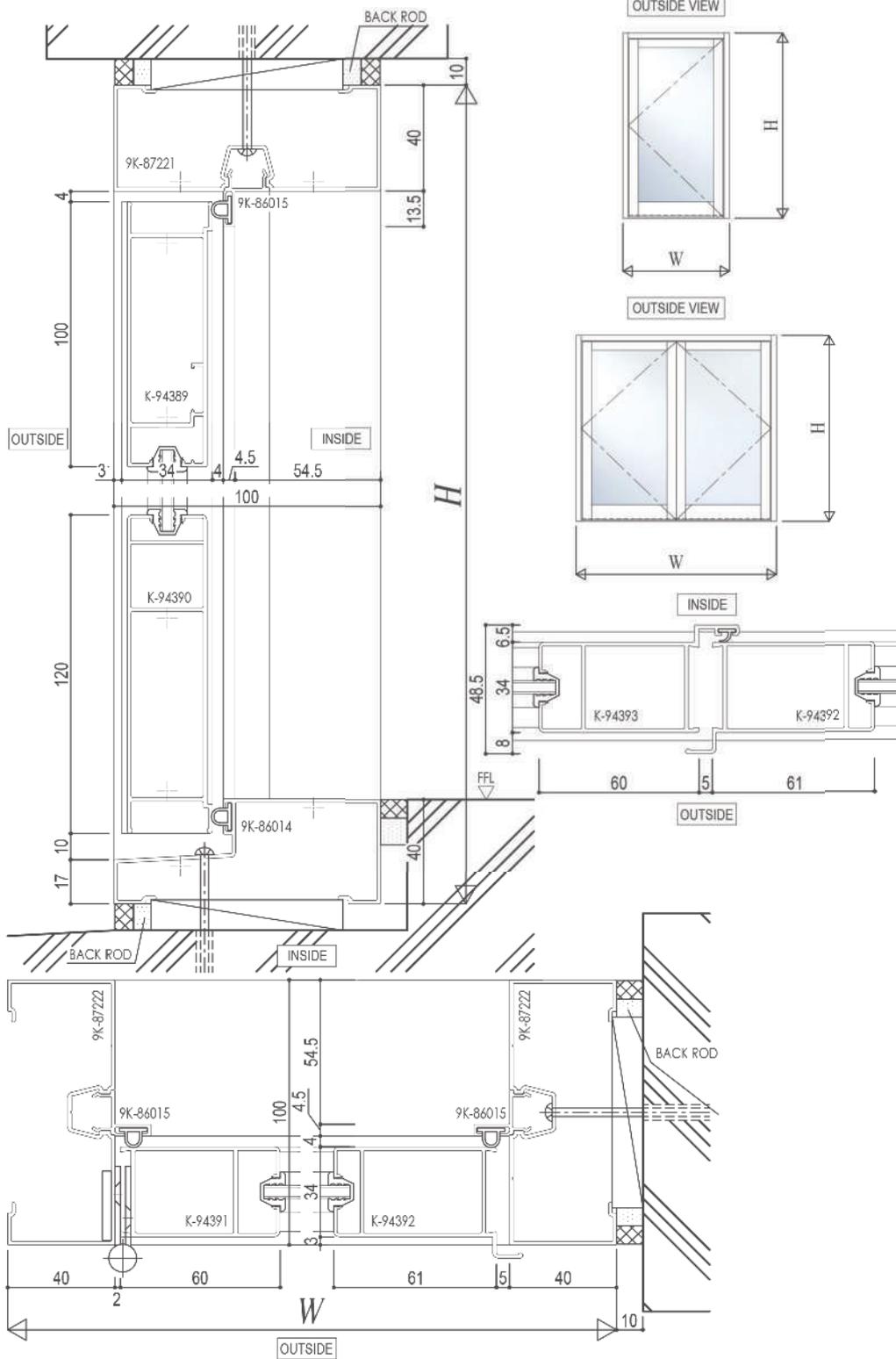
2.1. BUTT HINGE DOOR DEPTH 70 DT44.5

SCALE 1:2.5



2.1. BUTT HINGE DOOR DEPTH 100 DT34

SCALE 1:2.5



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

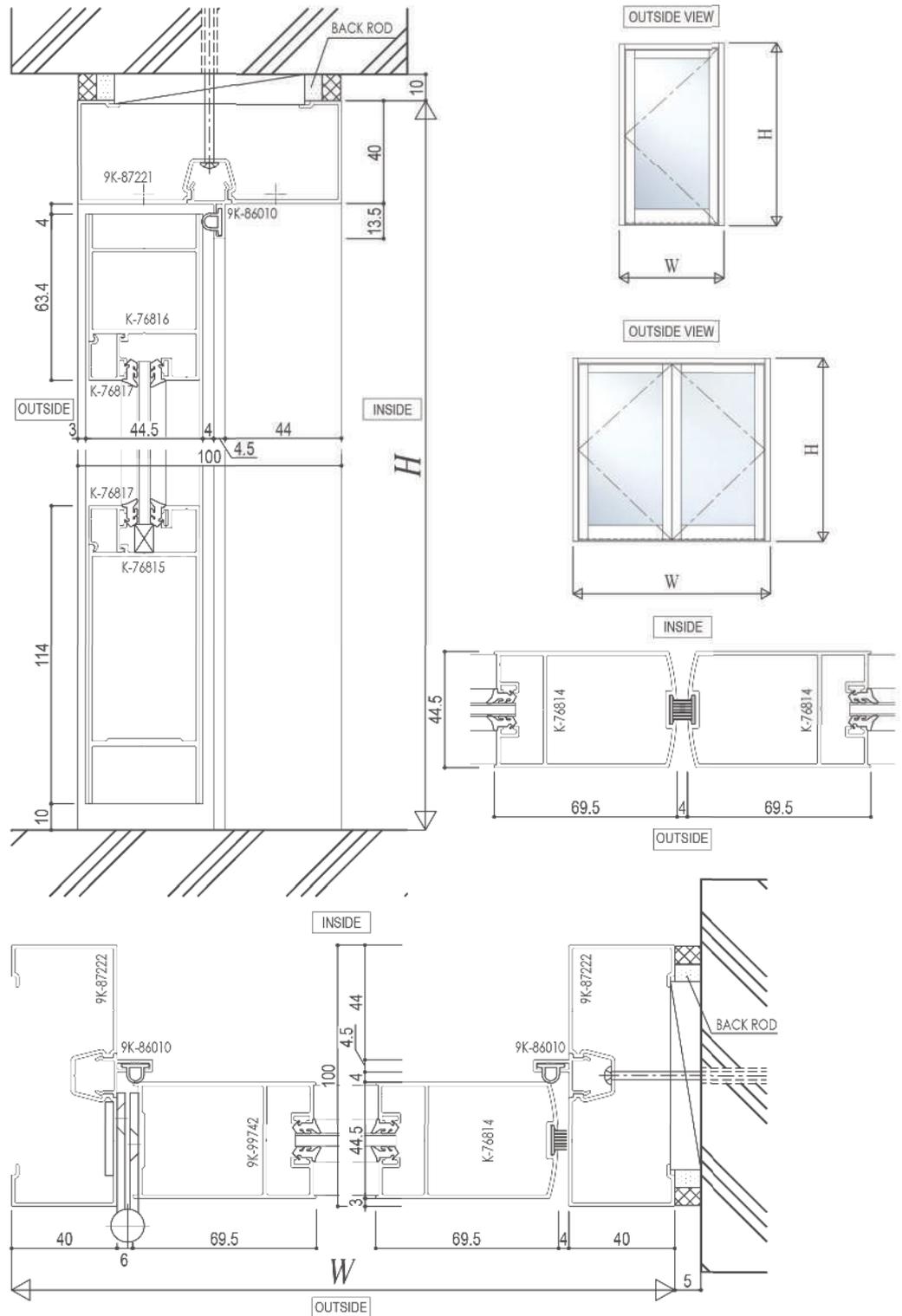
ROLLING SHUTTER

GENERAL SHAPE

2.1. BUTT HINGE DOOR DEPTH 100 DT44.5

SCALE 1:2.5

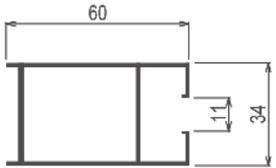
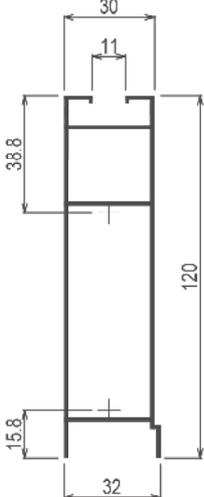
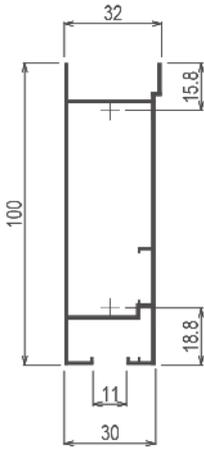
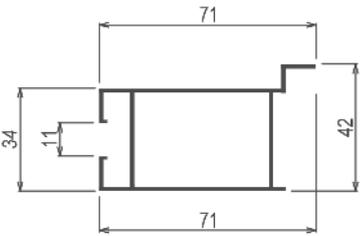
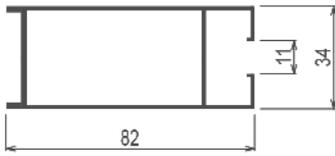
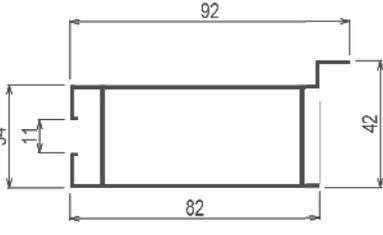
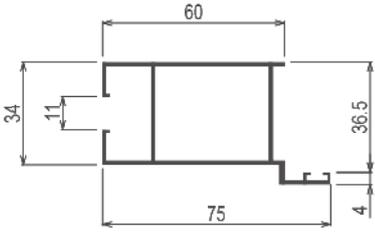
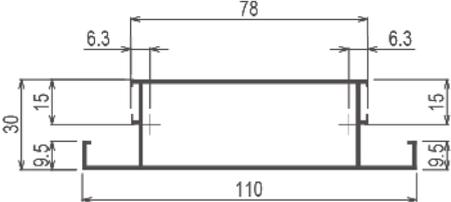
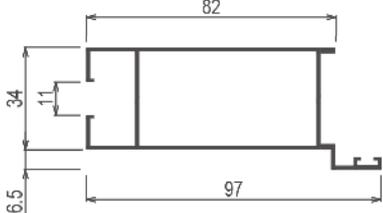
- FIX
- TOP HUNG, CASEMENT
- SLIDING
- LOUVER
- BUTT HINGE DOOR**
- FLOOR HINGE DOOR
- SEMI FRAMELESS DOOR
- SLIDING
- STEP WINDOW
- CONTINUOUS WINDOW
- YCR
- YCB
- SPANDREL & CEILING
- ROLLING SHUTTER
- GENERAL SHAPE



PROFILE LIST

SCALE 1:2.5

BUTT HINGE DT 34 (INNER)

<p>K-94391</p> <p>WEIGHT : 0.797 kg/m COAT PERIMETER : 184 mm THICKNESS : 1.40 mm</p>  <p>STILE</p>	<p>K-94390</p> <p>WEIGHT : 1.358 kg/m COAT PERIMETER : 266 mm THICKNESS : 1.40 mm</p>  <p>BOTTOM RAIL</p>	<p>K-94389</p> <p>WEIGHT : 1.166 kg/m COAT PERIMETER : 275 mm THICKNESS : 1.40 mm</p>  <p>OP. RAIL</p>
<p>K-94392</p> <p>WEIGHT : 0.837 kg/m COAT PERIMETER : 221 mm THICKNESS : 1.40 mm</p>  <p>STILE</p>	<p>K-85/01</p> <p>WEIGHT : 0.921 kg/m COAT PERIMETER : 231 mm THICKNESS : 1.30 mm</p>  <p>STILE</p>	<p>K-85/02</p> <p>WEIGHT : 0.958 kg/m COAT PERIMETER : 266 mm THICKNESS : 1.30 mm</p>  <p>STILE</p>
<p>K-94393</p> <p>WEIGHT : 0.873 kg/m COAT PERIMETER : 227 mm THICKNESS : 1.40 mm</p>  <p>STILE</p>	<p>K-94350</p> <p>WEIGHT : 1.129 kg/m COAT PERIMETER : 204 mm THICKNESS : 1.40 mm</p>  <p>MID F. RAIL</p>	<p>K-85/48</p> <p>WEIGHT : 0.980 kg/m COAT PERIMETER : 272 mm THICKNESS : 1.30 mm</p>  <p>STILE</p>

FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

PROFILE LIST

SCALE 1:2.5

BUTT HINGE DEPTH 70 (OUTER)

9K-87249		9K-86048		9K-87250	
WEIGHT	: 0.698 kg/m	WEIGHT	: 0.607 kg/m	WEIGHT	: 0.624 kg/m
COAT PERIMETER	: 142 mm	COAT PERIMETER	: 156 mm	COAT PERIMETER	: 142 mm
THICKNESS	: 1.20 mm	THICKNESS	: 1.20 mm	THICKNESS	: 1.20 mm
※ t 1.0 ---> 9K-87246 HEAD / TRANSOM		SILL		※ : 1.0 ---> 9K-87247 JAMB / MULLION	
9K-86032		9K-86035			
WEIGHT	: 0.199 kg/m	WEIGHT	: 0.169 kg/m		
COAT PERIMETER	: 50 mm	COAT PERIMETER	: 40 mm		
THICKNESS	: 1.00 mm	THICKNESS	: 1.00 mm		
DT: 44.5 ATTACHMENT		DT: 34 ATTACHMENT			

BUTT HINGE DEPTH 100 (OUTER)

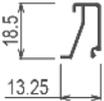
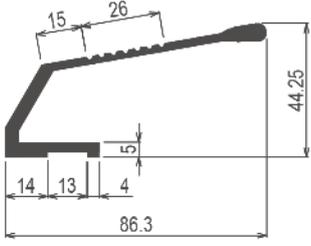
9K-87221		9K-86014		9K-87222	
WEIGHT	: 0.945 kg/m	WEIGHT	: 0.858 kg/m	WEIGHT	: 0.874 kg/m
COAT PERIMETER	: 188 mm	COAT PERIMETER	: 178 mm	COAT PERIMETER	: 188 mm
THICKNESS	: 1.35 mm	THICKNESS	: 1.35 mm	THICKNESS	: 1.35 mm
HEAD / TRANSOM		SILL		JAMB / MULLION	
9K-86010		9K-86015			
WEIGHT	: 0.166 kg/m	WEIGHT	: 0.166 kg/m		
COAT PERIMETER	: 38 mm	COAT PERIMETER	: 39 mm		
THICKNESS	: 1.00 mm	THICKNESS	: 1.00 mm		
DT: 44.5 ATTACHMENT		DT: 34 ATTACHMENT			

PROFILE LIST

SCALE 1:2.5

BUTT HINGE DT 34 (INNER)

k-5/5		L-9012/	
WEIGHT	: 0.141 kg/m	WEIGHT	: 1.324 kg/m
COAT PERIMETER	: 26 mm	COAT PERIMETER	: 124 mm
THICKNESS	: 1.00 mm	THICKNESS	: 2.80 mm

	
CLASS BEAD	DOOR HANDLE

FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

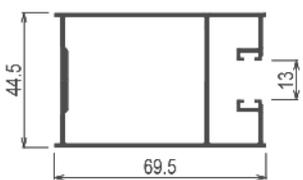
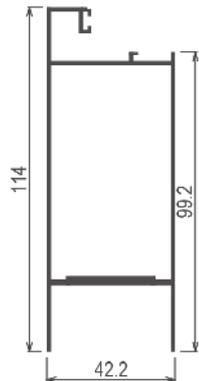
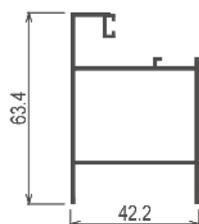
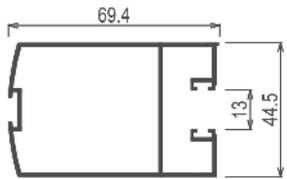
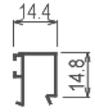
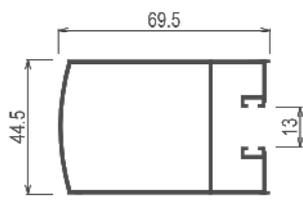
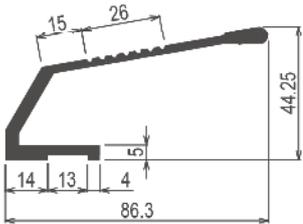
ROLLING SHUTTER

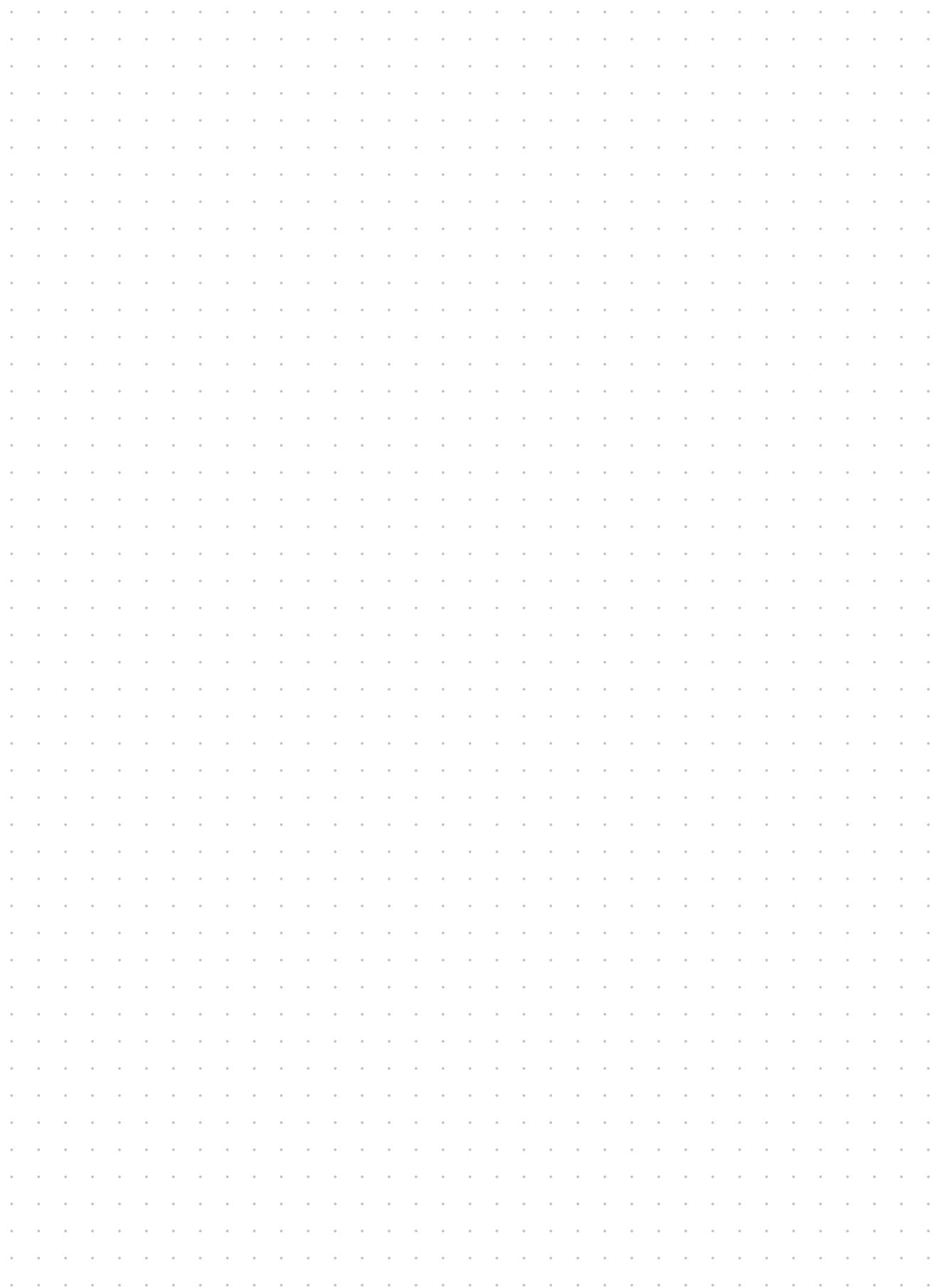
GENERAL SHAPE

PROFILE LIST

SCALE 1:2.5

BUTT HINGE DT 44.5 (INNER)

	9<-99742	<-76815	K-76816
SLIDING	WEIGHT : 1.085 kg/m COAT PERIMETER : 219 mm THICKNESS : 1.40 mm	WEIGHT : 1.353 kg/m COAT PERIMETER : 225 mm THICKNESS : 1.40 mm	WEIGHT : 0.830 kg/m COAT PERIMETER : 124 mm THICKNESS : 1.40 mm
LOUVER			
BUTT HINGE DOOR	STIFF		TOP RAIL
FLOOR HINGE DOOR	K-76814		<-76817
SEMI FRAMELESS DOOR	WEIGHT : 1.036 kg/m COAT PERIMETER : 169 mm THICKNESS : 1.40 mm		WEIGHT : 0.154 kg/m COAT PERIMETER : 27 mm THICKNESS : 1.00 mm
SLIDING			
STEP WINDOW	S L L	BOTTOM RAIL	GLASS BEAD
CONTINUOUS WINDOW	<-76813	E-90127	
YCR	WEIGHT : 1.003 kg/m COAT PERIMETER : 178 mm THICKNESS : 1.40 mm	WEIGHT : 1.324 kg/m COAT PERIMETER : 124 mm THICKNESS : 2.80 mm	
YCB			
SPANDREL & CEILING	S L L	DOOR HANDLE	

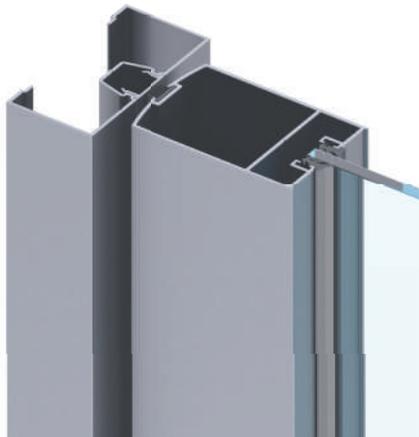


2.2 FLOOR HINGED DOOR

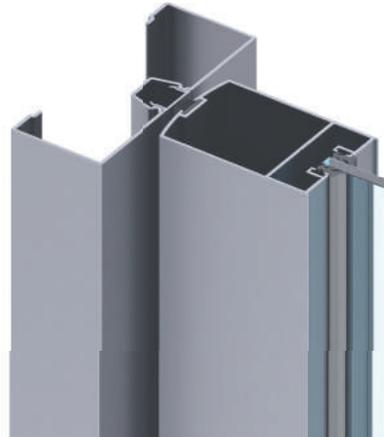


Floor hinged door ideal for stores and condominiums. It can be opened on both sides until 180 degrees. It can be opened freely inside or outside. Floor hinges door are mounted to the floor and upper frame.

Window - Top Hung 70 Depth



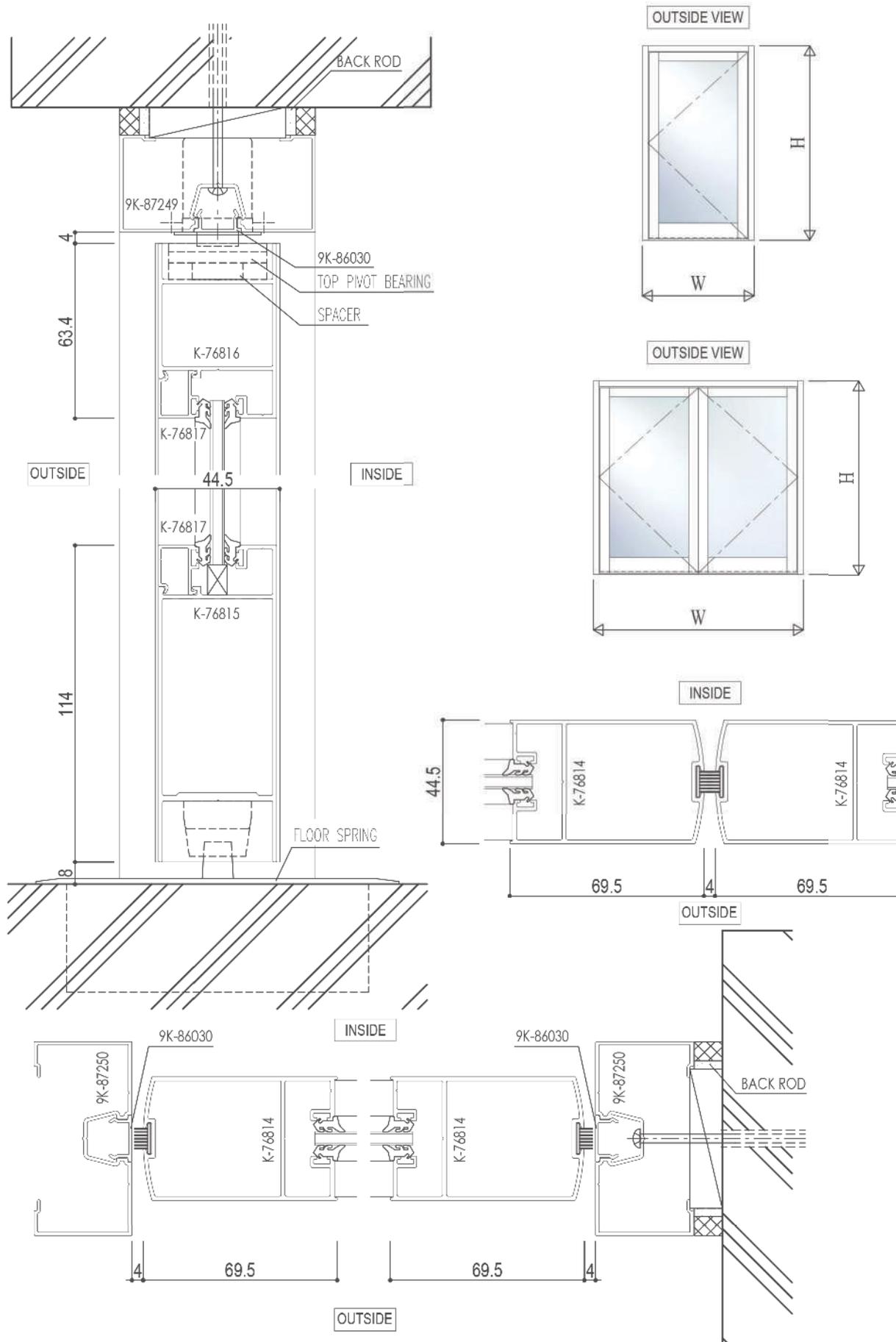
Floor Hinge - 70 Depth DT44.5



Floor Hinge - 100 Depth DT44.5

2.2. FLOOR HINGE DOOR DEPTH 70 DT44.5

SCALE 1:2



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

PROFILE LIST

SCALE 1:2.5

FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

FLOOR HINGE DEPTH 70 (OUTER)

9K-87249	9K-87250	9K-86031
WEIGHT : 0.698 kg/m COAT PERIMETER : 142 mm THICKNESS : 1.20 mm	WEIGHT : 0.624 kg/m COAT PERIMETER : 142 mm THICKNESS : 1.20 mm	WEIGHT : 1.097 kg/m COAT PERIMETER : 150 mm THICKNESS : 1.20 mm
※ t 1.0 > 9K-87246 HILAD	※ . 1.0 --> 9K-87247 JAMB	TRANSOM
9K-86030	9K-86028	<-75692
WEIGHT : 0.090 kg/m COAT PERIMETER : 17 mm THICKNESS : 1.00 mm	WEIGHT : 0.168 kg/m COAT PERIMETER : 53 mm THICKNESS : 1.00 mm	WEIGHT : 0.201 kg/m COAT PERIMETER : 81 mm THICKNESS : 1.20 mm
ATTACHMENT	ATTACHMENT	DOOR STOPPER

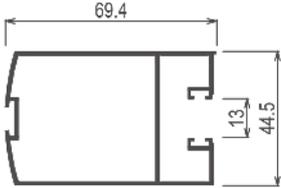
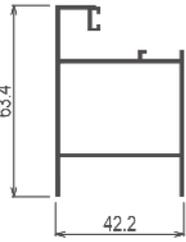
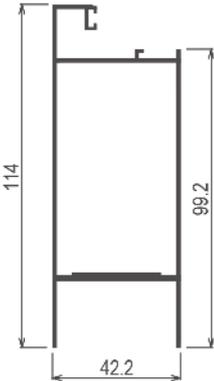
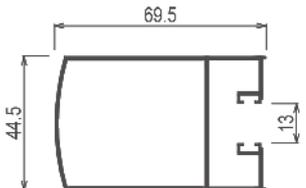
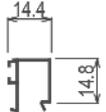
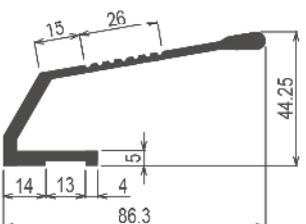
FLOOR HINGE DEPTH 100 (OUTER)

9K-87221	9K-87222	9K-86030
WEIGHT : 0.945 kg/m COAT PERIMETER : 188 mm THICKNESS : 1.35 mm	WEIGHT : 0.874 kg/m COAT PERIMETER : 188 mm THICKNESS : 1.35 mm	WEIGHT : 0.090 kg/m COAT PERIMETER : 17 mm THICKNESS : 1.00 mm
HEAD	JAMB	ATTACHMENT
<-75692		
WEIGHT : 0.201 kg/m COAT PERIMETER : 81 mm THICKNESS : 1.20 mm		
DOOR STOPPER		

PROFILE LIST

SCALE 1:2.5

FLOOR HINGE (INNER)

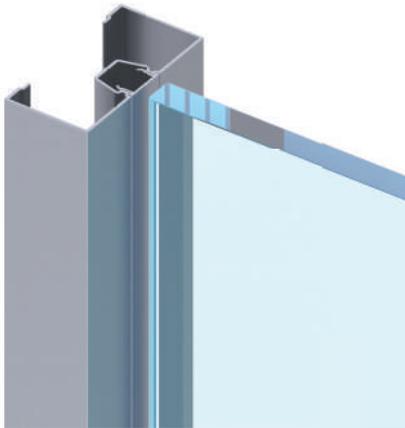
	K-76814	K-76815	K-76816
SLIDING	WEIGHT : 1.036 kg/m COAT PERIMETER : 169 mm THICKNESS : 1.40 mm	WEIGHT : 1.353 kg/m COAT PERIMETER : 225 mm THICKNESS : 1.40 mm	WEIGHT : 0.830 kg/m COAT PERIMETER : 124 mm THICKNESS : 1.40 mm
LOUVER			
BUTT HINGE DOOR			
FLOOR HINGE DOOR	SILL K-76813 WEIGHT : 1.003 kg/m COAT PERIMETER : 178 mm THICKNESS : 1.40 mm		TOP RAIL K-76817 WEIGHT : 0.154 kg/m COAT PERIMETER : 27 mm THICKNESS : 1.00 mm
SEMI FRAMELESS DOOR			
SLIDING			
STEP WINDOW			
CONTINUOUS WINDOW	STILL E-90127 WEIGHT : 1.324 kg/m COAT PERIMETER : 124 mm THICKNESS : 2.80 mm	BOTTOM RAIL	CLASS RAIL
YCR			
YCB			
SPANDREL & CEILING	DOOR HANDLE		



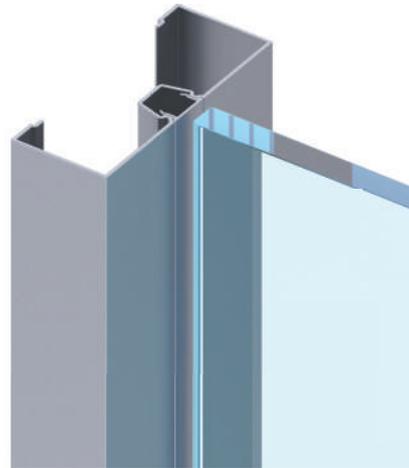
2.3 SEMI FRAMELESS DOOR



Semi frameless door has partly frame around the door, enabling the maximum possible light and creating an atmosphere of space and openness.



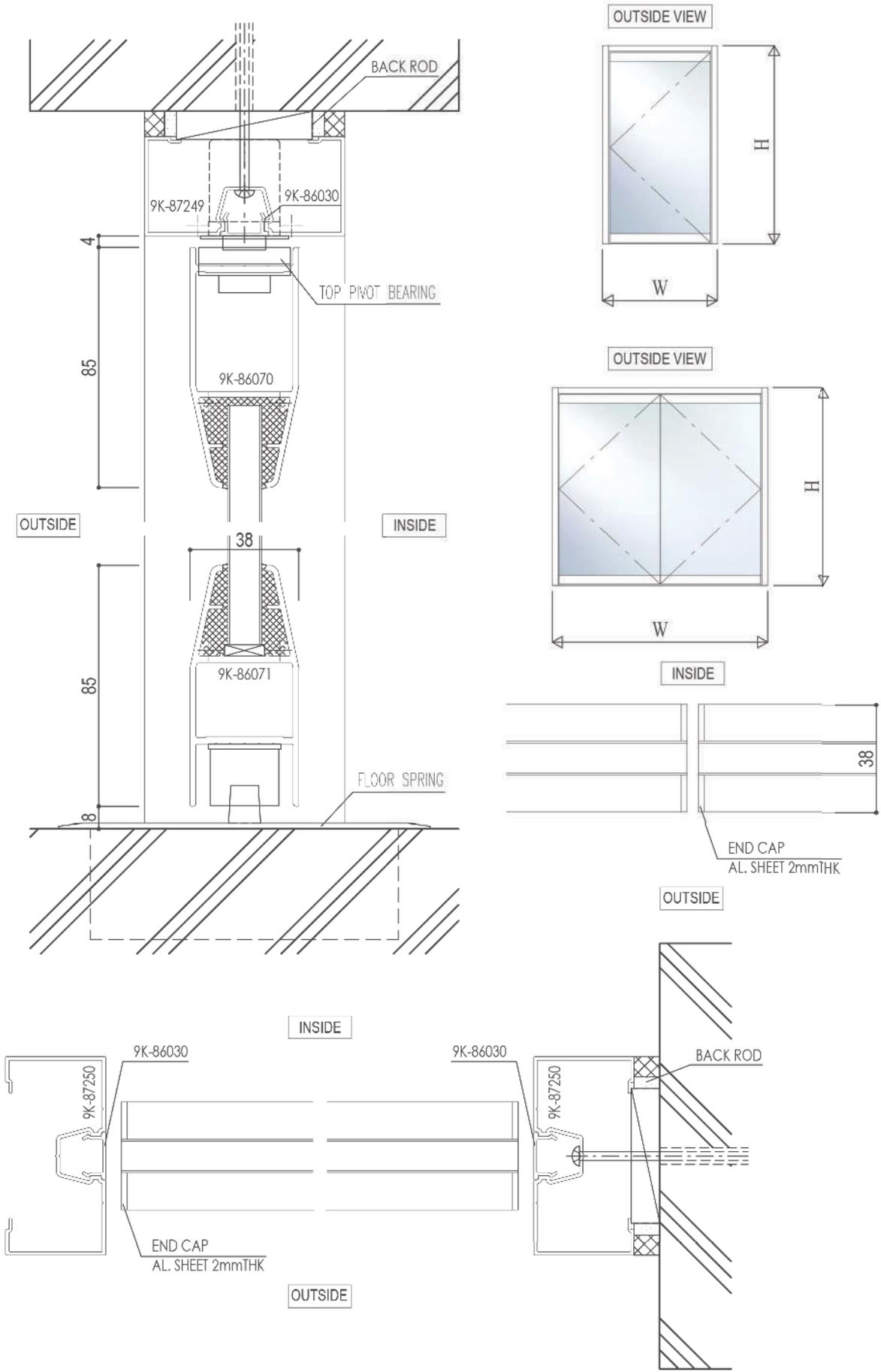
Semi Frameless - 70 Depth



Semi Frameless - 100 Depth

2.3. SEMI FRAMELESS DOOR DEPTH 70

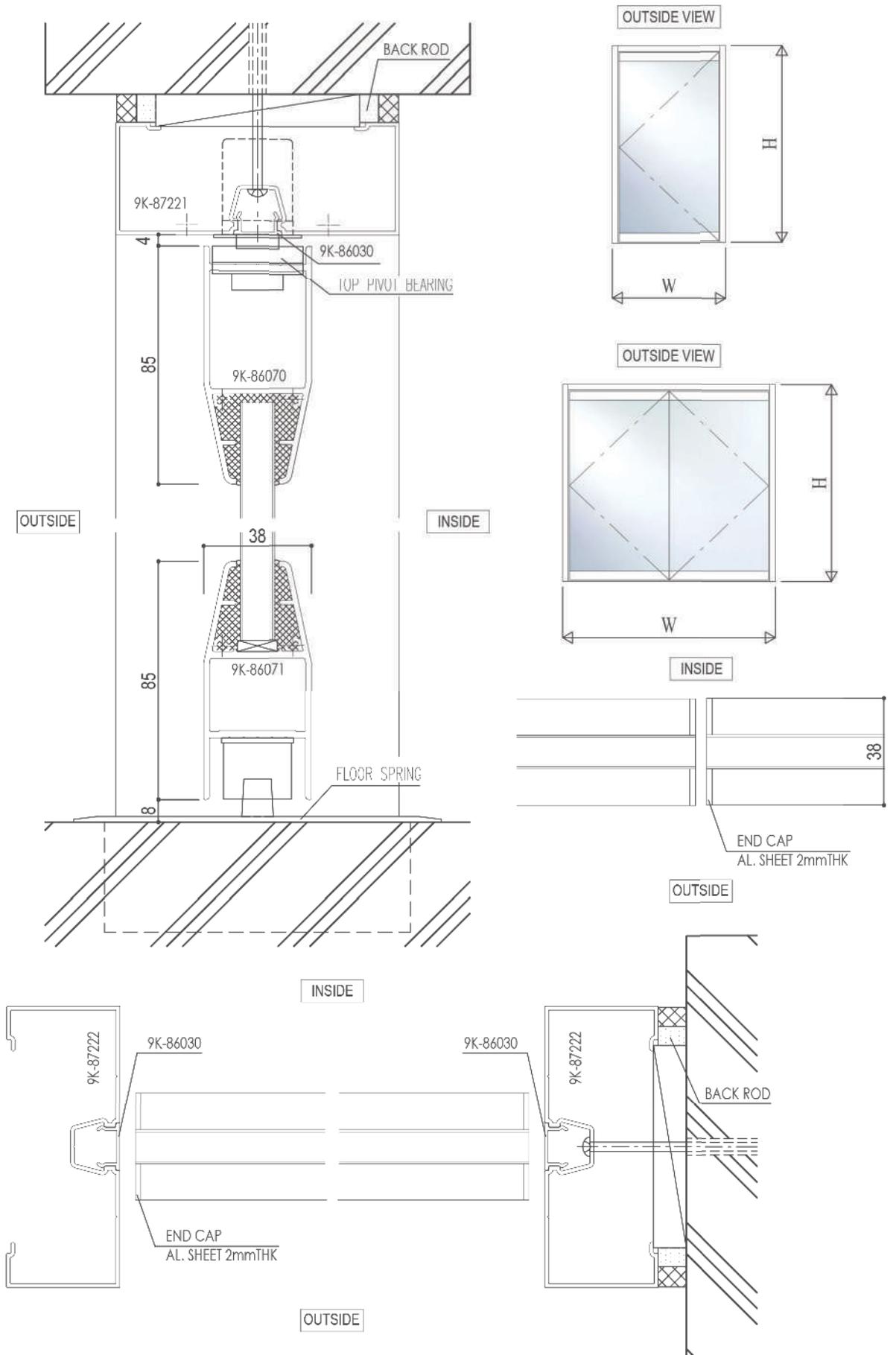
SCALE 1:2



- FIX
- TOP HUNG, CASEMENT
- SLIDING
- LOUVER
- BUTT HINGE DOOR
- FLOOR HINGE DOOR
- SEMI FRAMELESS DOOR
- SLIDING
- STEP WINDOW
- CONTINUOUS WINDOW
- YCR
- YCB
- SPANDREL & CEILING
- ROLLING SHUTTER
- GENERAL SHAPE

2.3. SEMI FRAMELESS DOOR DEPTH 100

SCALE 1:2



PROFILE LIST

SCALE 1:2.5

FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

SEMI FRAMELESS DEPTH 70 (OUTER)

9K-87249		9K-87250		9K-86030	
WEIGHT	: 0.698 kg/m	WEIGHT	: 0.624 kg/m	WEIGHT	: 0.090 kg/m
COAT PERIMETER	: 142 mm	COAT PERIMETER	: 142 mm	COAT PERIMETER	: 17 mm
THICKNESS	: 1.20 mm	THICKNESS	: 1.20 mm	THICKNESS	: 1.00 mm

※ t 1.0 --> 9K-57246 FPA0	※ t 1.0 --> 9K-87247 JAMB	A IAC IMLN

SEMI FRAMELESS DEPTH 100 (OUTER)

9K-87221		9K-87222		9K-86030	
WEIGHT	: 0.945 kg/m	WEIGHT	: 0.874 kg/m	WEIGHT	: 0.090 kg/m
COAT PERIMETER	: 188 mm	COAT PERIMETER	: 188 mm	COAT PERIMETER	: 17 mm
THICKNESS	: 1.35 mm	THICKNESS	: 1.35 mm	THICKNESS	: 1.00 mm

IAD	JAMB	A IAC IMLN

SEMI FRAMELESS DT 38 (INNER)

9K-86070		9K-86071	
WEIGHT	: 1.446 kg/m	WEIGHT	: 1.496 kg/m
COAT PERIMETER	: 179 mm	COAT PERIMETER	: 179 mm
THICKNESS	: 2.00 mm	THICKNESS	: 2.00 mm

TOP RAIL	BOTTOM RAIL

2.4 SLIDING DOOR



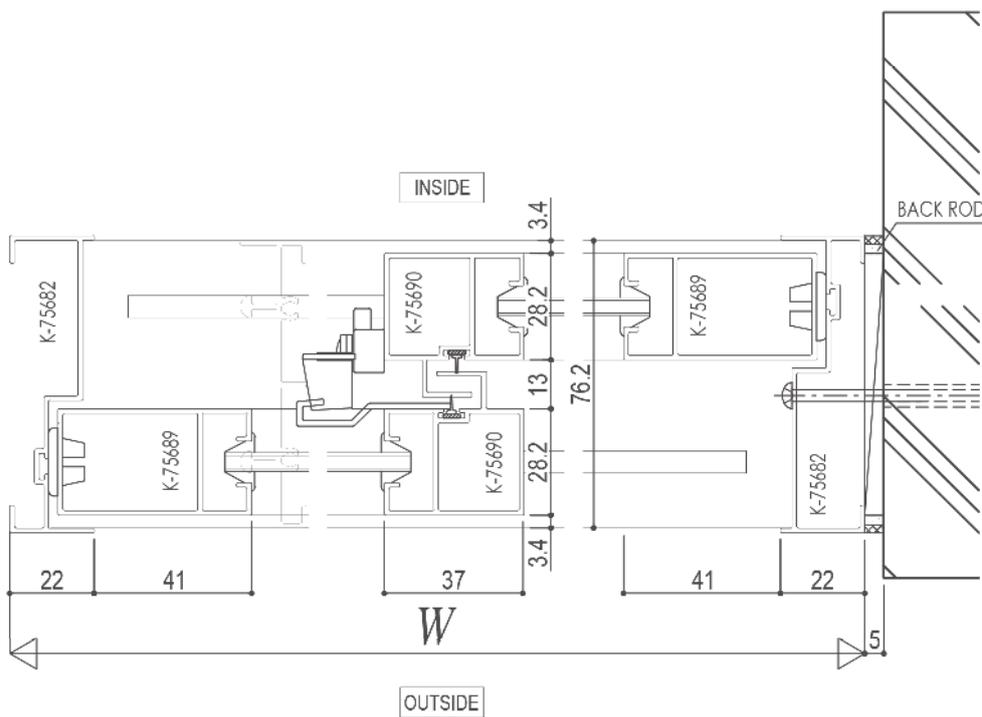
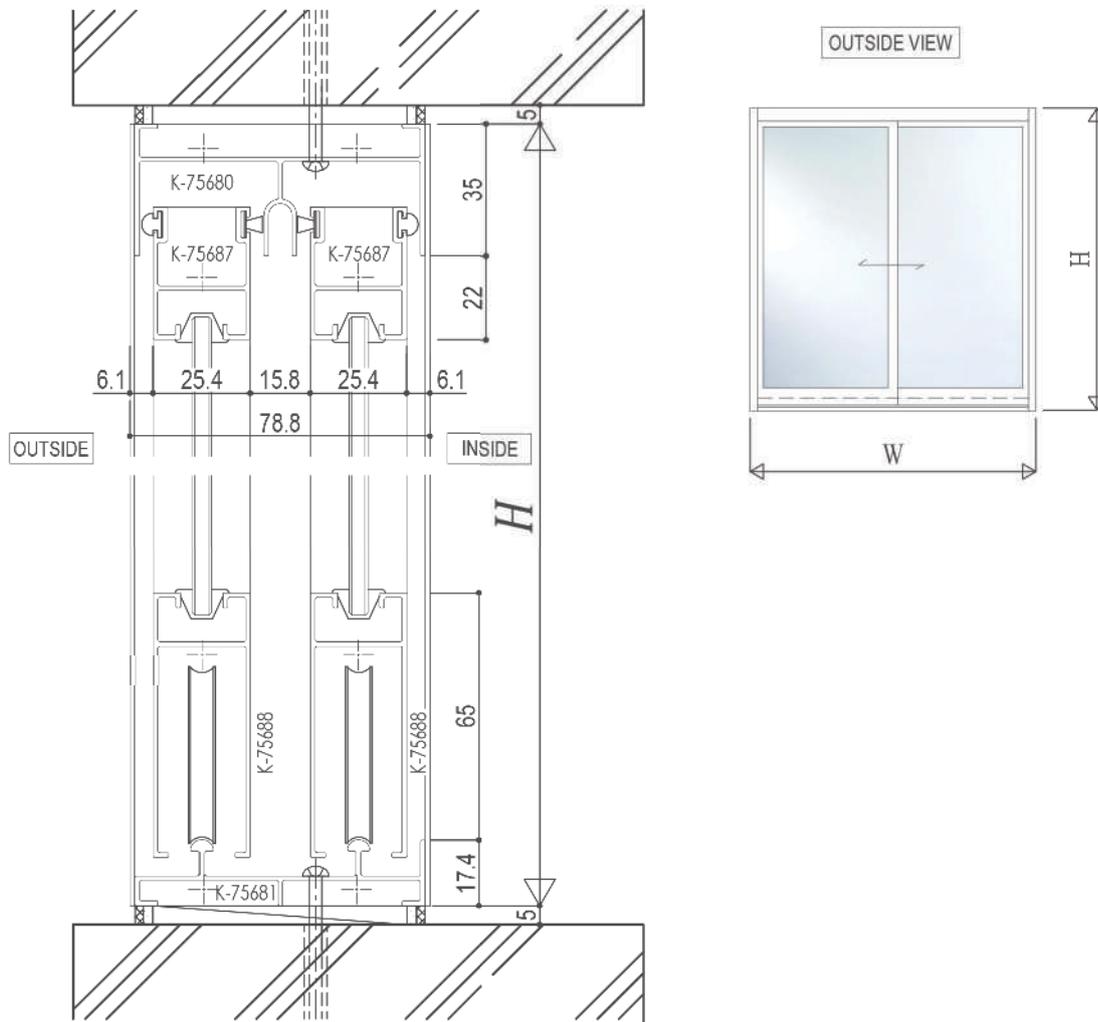
Sliding door offers many benefits compare to other type such as let natural light in, great airflow and circulation, easy to operate, space maximization and better view.



Sliding - 3 Inch Depth

2.4. SLIDING DEPTH 3 Inch

SCALE 1:2



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

PROFILE LIST

SCALE 1:2.5

SLIDING DOOR (OUTER)

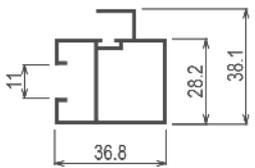
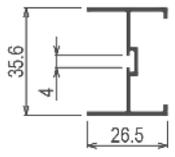
	K-75680		9K-99139		K-75681	
	WEIGHT : 0.710 kg/m	COAT PERIMETER : 280 mm	THICKNESS : 1.20 mm	WEIGHT : 0.616 kg/m	COAT PERIMETER : 186 mm	THICKNESS : 1.20 mm
	HEAD		SILL		SILL	
	K-75682		K-75683		K-75684	
	WEIGHT : 0.485 kg/m	COAT PERIMETER : 156 mm	THICKNESS : 1.20 mm	WEIGHT : 0.422 kg/m	COAT PERIMETER : 138 mm	THICKNESS : 1.20 mm
	JAMB		UPPER ATTACHMENT FOR 3 LLAYS		BOTTOM ATTACHMENT FOR 3 LLAYS	
	K-75685					
	WEIGHT : 0.292 kg/m	COAT PERIMETER : 69 mm	THICKNESS : 1.20 mm			
	VERTICAL ATTACHMENT FOR 3 LLAYS					

SLIDING DOOR (INNER)

	K-75687		K-75688		K-75689	
	WEIGHT : 0.444 kg/m	COAT PERIMETER : 78 mm	THICKNESS : 1.20 mm	WEIGHT : 0.641 kg/m	COAT PERIMETER : 153 mm	THICKNESS : 1.20 mm
	TOP RAIL		BOTTOM RAIL		SILL	

PROFILE LIST

SCALE 1:2.5

K-75690			K-75686		
WEIGHT	: 0.559	kg/m	WEIGHT	: 0.319	kg/m
COAT PERIMETER	: 171	mm	COAT PERIMETER	: 124	mm
THICKNESS	: 1.20	mm	THICKNESS	: 1.20	mm
					
NIL LOCKING SILL			APPLICABLE FOR SLIDING SILL		

FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

STEP WINDOW

SCALE 1:2

➤ 70 Depth

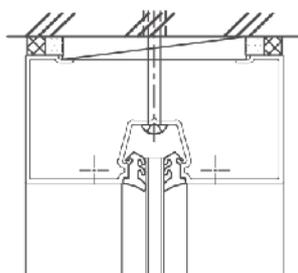
Lower	Upper	Fix		Top hung Casement	Louver
		TYPE 1	TYPE 2		
Fix	TYPE 1	P62①			P66⑩
	TYPE 2		P62②	P65⑧	
Top hung / Casement			P62③	P65⑨	
Louver		P63④			
Butt Hinge Door	DT34	P63⑤			P66⑪
	DT44.5	P64⑥			P67⑫
Floor Hinge Door		P64⑦			P67⑬

➤ 100 Depth

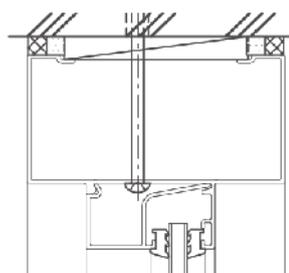
Lower	Upper	Fix		Top hung Casement	Louver
		TYPE 1	TYPE 2		
Fix	TYPE 1	P68①			P72⑩
	TYPE 2		P68②	P71⑧	
Top hung / Casement			P68③	P71⑨	
Louver		P69④			
Butt Hinge Door	DT34	P69⑤			P72⑪
	DT44.5	P70⑥			P73⑫
Floor Hinge Door		P70⑦			P73⑬

➤ 40 Depth

Lower	Upper	Fix	Top hung Casement
Fix		P74①	P75③
Top hung / Casement		P74②	P75④



Type 1

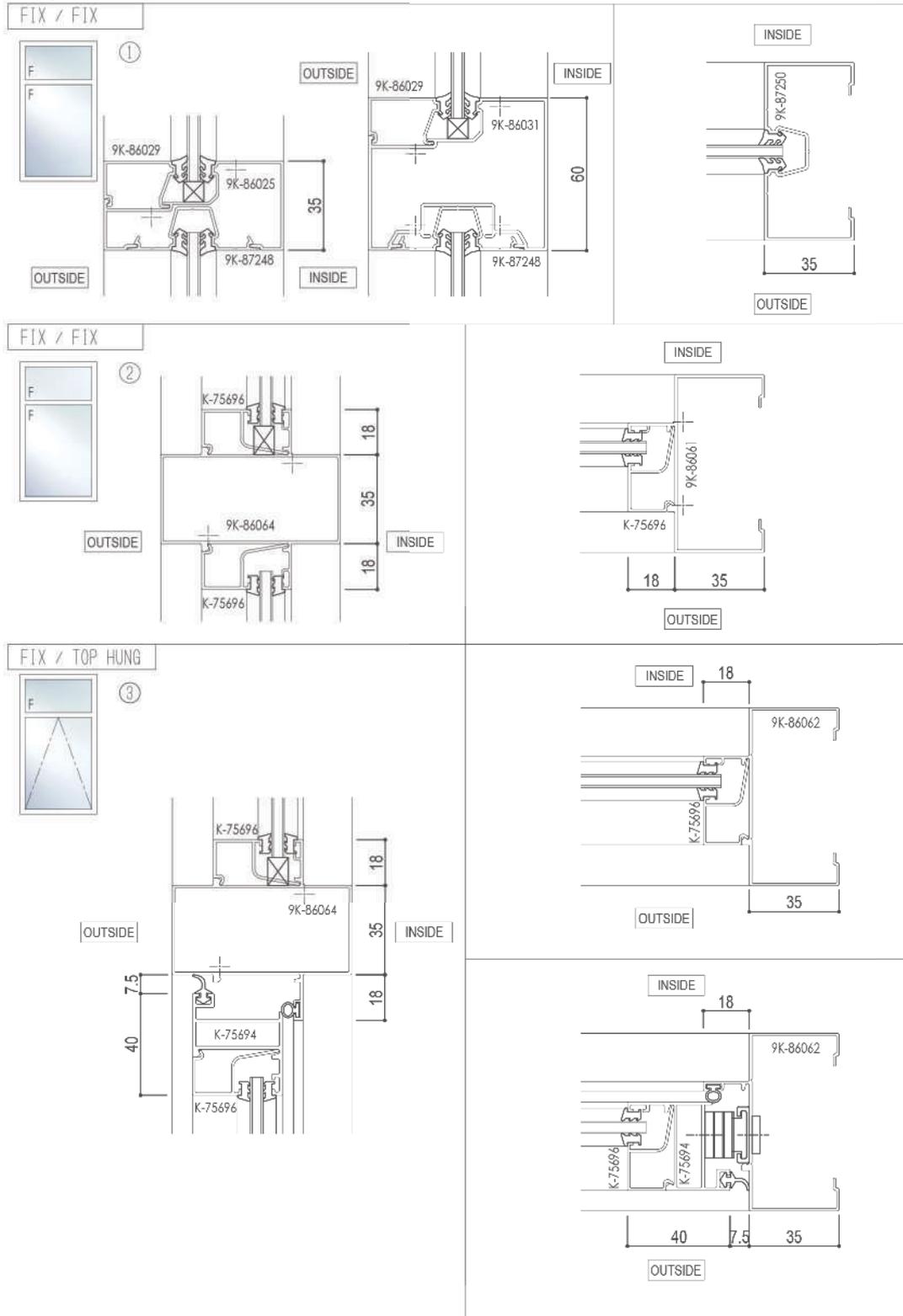


Type 2

STEP WINDOW

SCALE 1:2.5

Depth 170; U



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

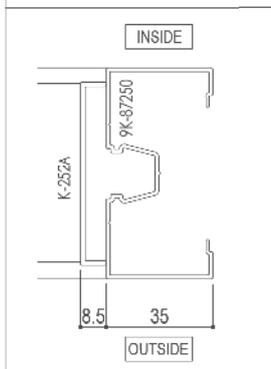
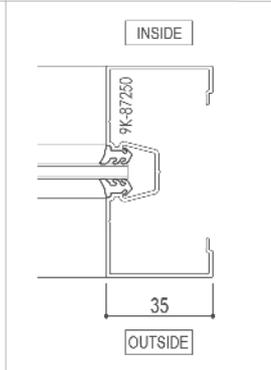
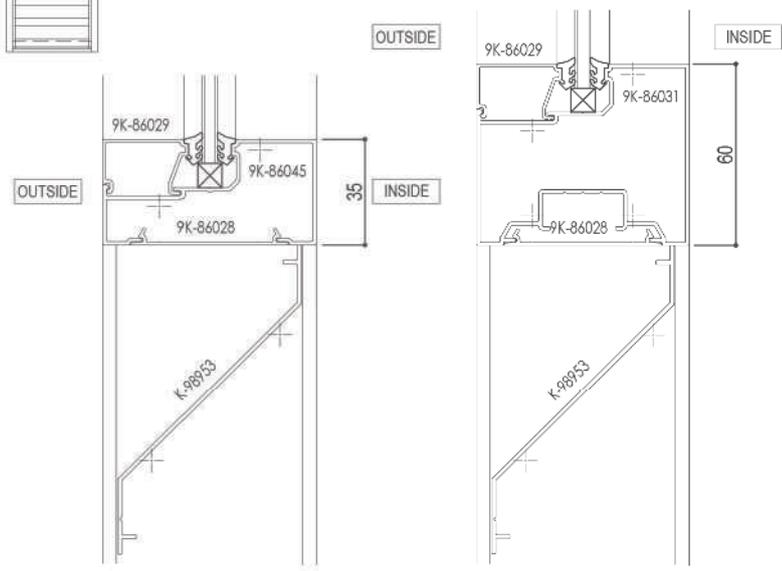
STEP WINDOW

SCALE 1:2.5

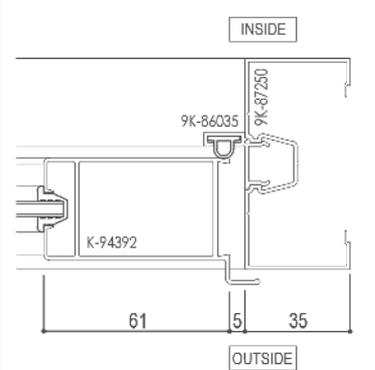
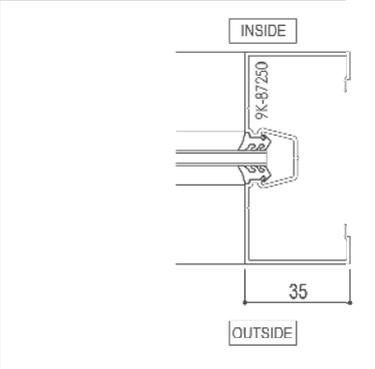
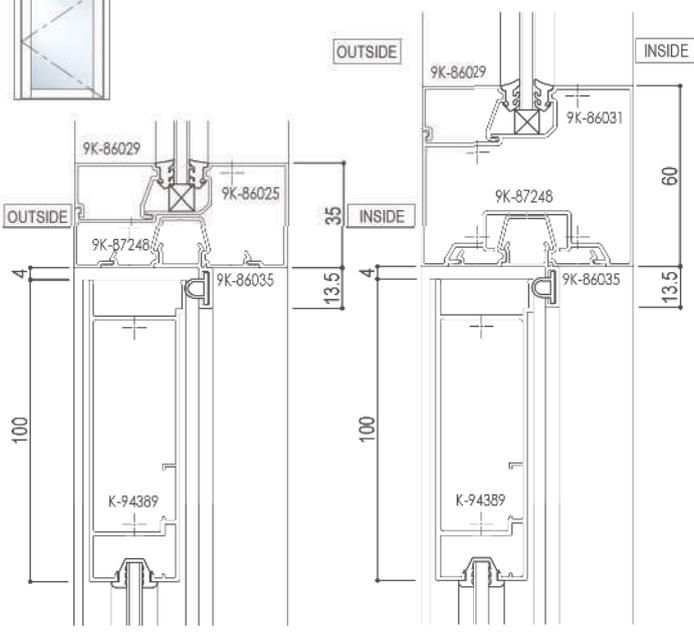
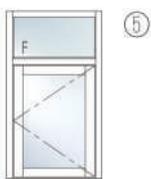
- FIX
- TOP HUNG, CASEMENT
- SLIDING
- LOUVER
- BUTT HINGE DOOR
- FLOOR HINGE DOOR
- SEMI FRAMELESS DOOR
- SLIDING
- STEP WINDOW
- CONTINUOUS WINDOW
- YCR
- YCB
- SPANDREL & CEILING
- ROLLING SHUTTER
- GENERAL SHAPE

Depth 70

FIX / LOUVER



FIX / BUTT HINGE (DT34)

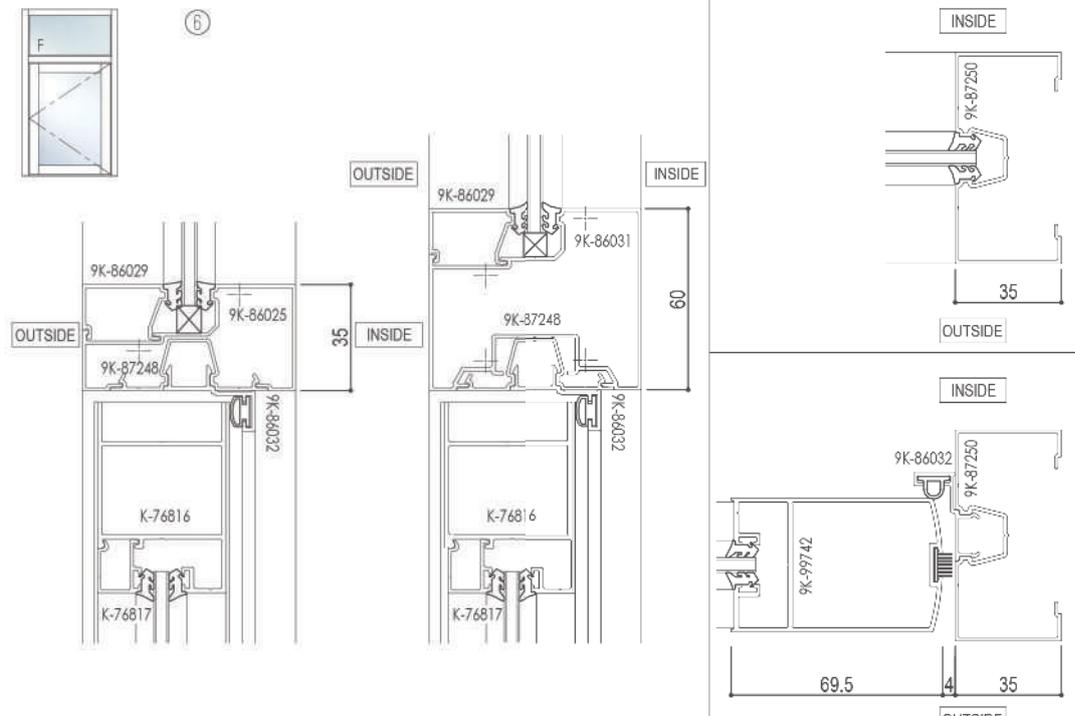


STEP WINDOW

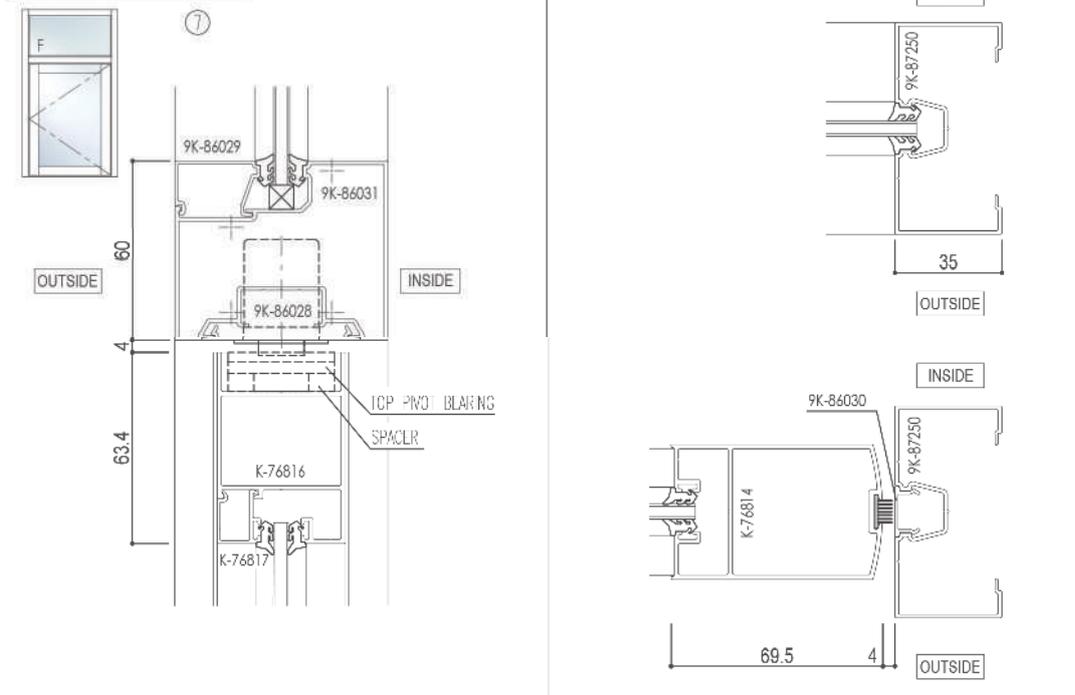
SCALE 1:2.5

Depth 70

FIX / BUTT HINGE (DT44, 5)



FIX / FLOOR HINGE



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

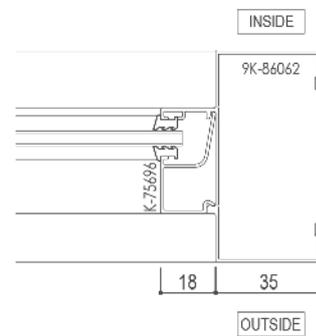
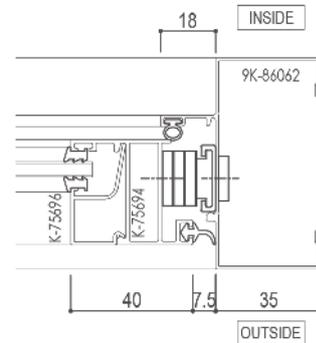
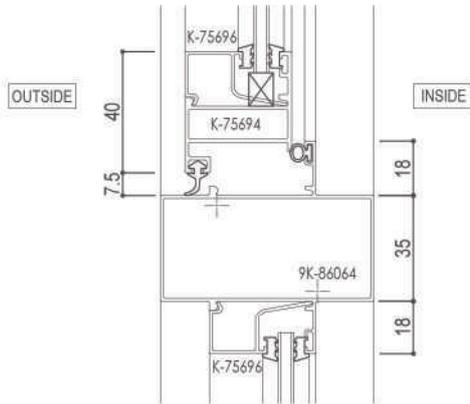
STEP WINDOW

SCALE 1:2.5

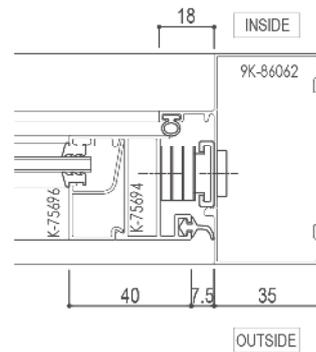
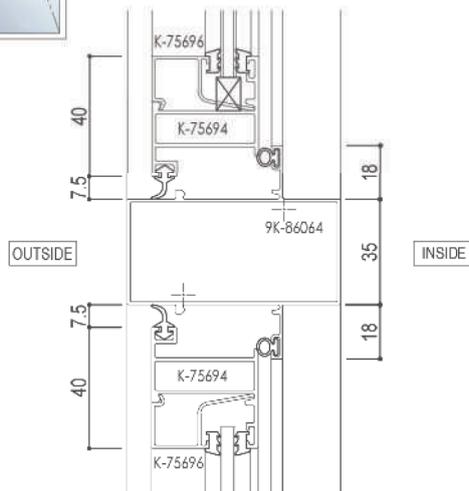
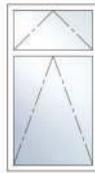
- FIX
- TOP HUNG, CASEMENT
- SLIDING
- LOUVER
- BUTT HINGE DOOR
- FLOOR HINGE DOOR
- SEMI FRAMELESS DOOR
- SLIDING
- STEP WINDOW
- CONTINUOUS WINDOW
- YCR
- YCB
- SPANDREL & CEILING
- ROLLING SHUTTER
- GENERAL SHAPE

Depth 70

TOP HUNG / FIX



TOP HUNG / TOP HUNG

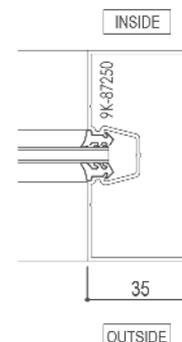
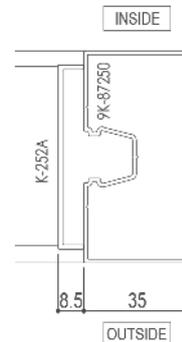
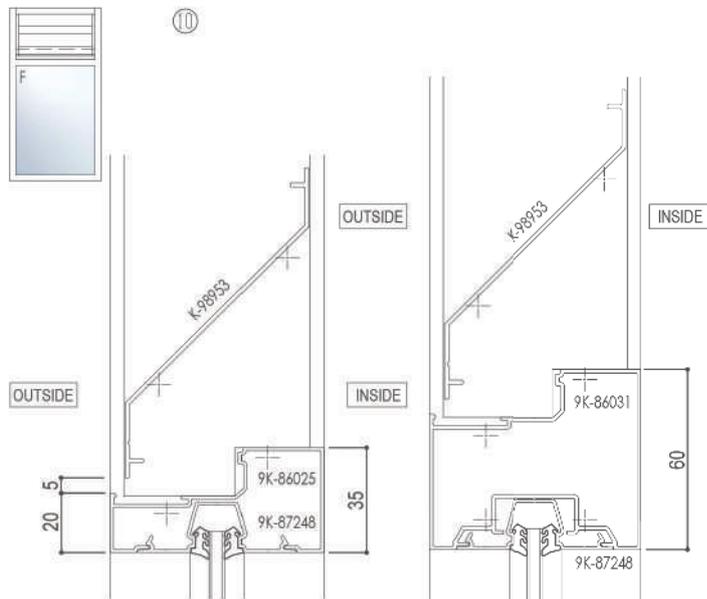


STEP WINDOW

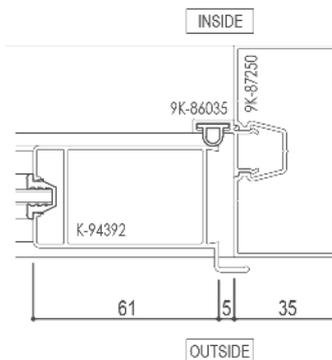
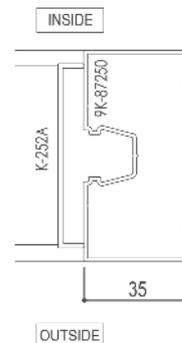
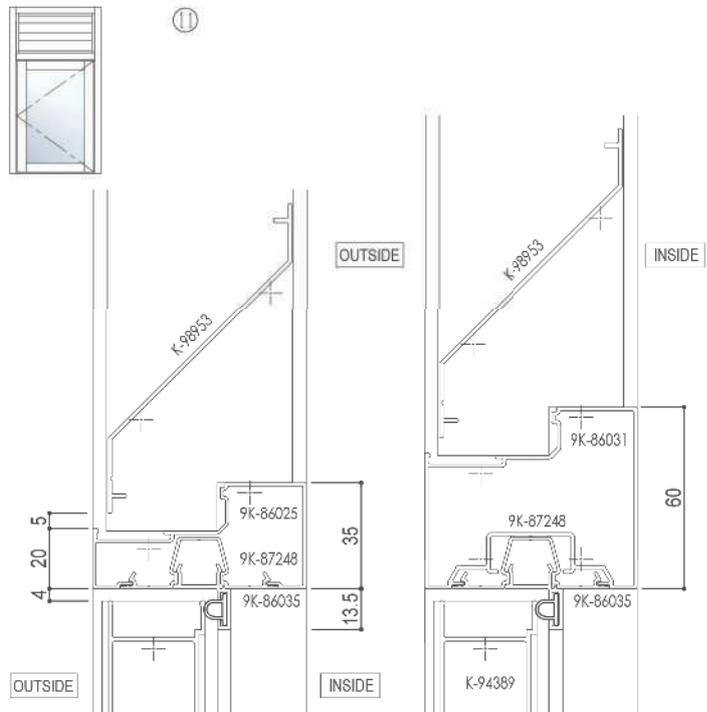
SCALE 1:2.5

Depth 70

LOUVER / FIX



LOUVER / BUTT HINGE (DT34)



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

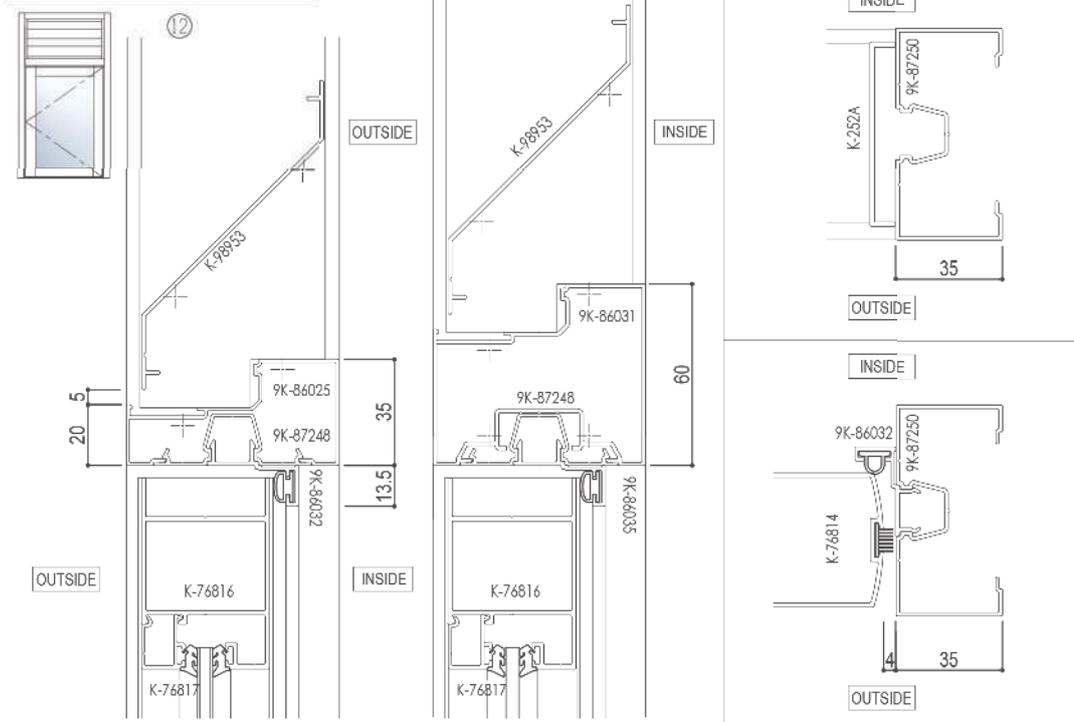
STEP WINDOW

SCALE 1:2.5

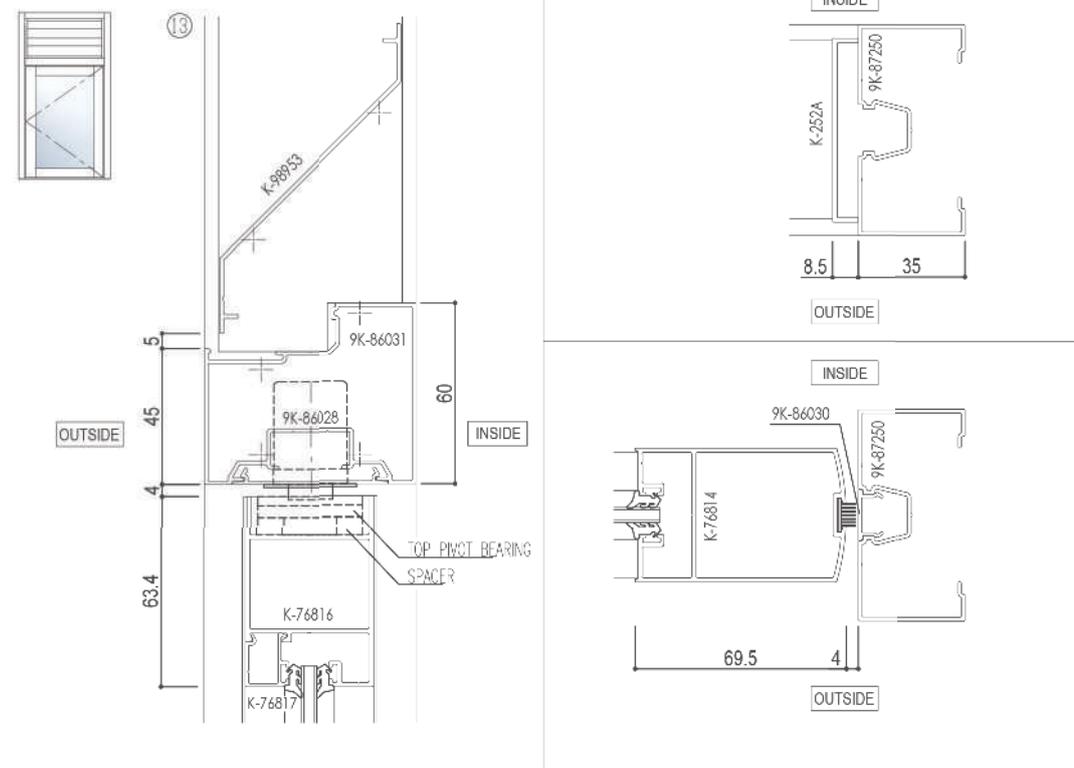
- FIX
- TOP HUNG, CASEMENT
- SLIDING
- LOUVER
- BUTT HINGE DOOR
- FLOOR HINGE DOOR
- SEMI FRAMELESS DOOR
- SLIDING
- STEP WINDOW
- CONTINUOUS WINDOW
- YCR
- YCB
- SPANDREL & CEILING
- ROLLING SHUTTER
- GENERAL SHAPE

Depth 70

LOUVER / BUTT HINGE (DT44, 5)



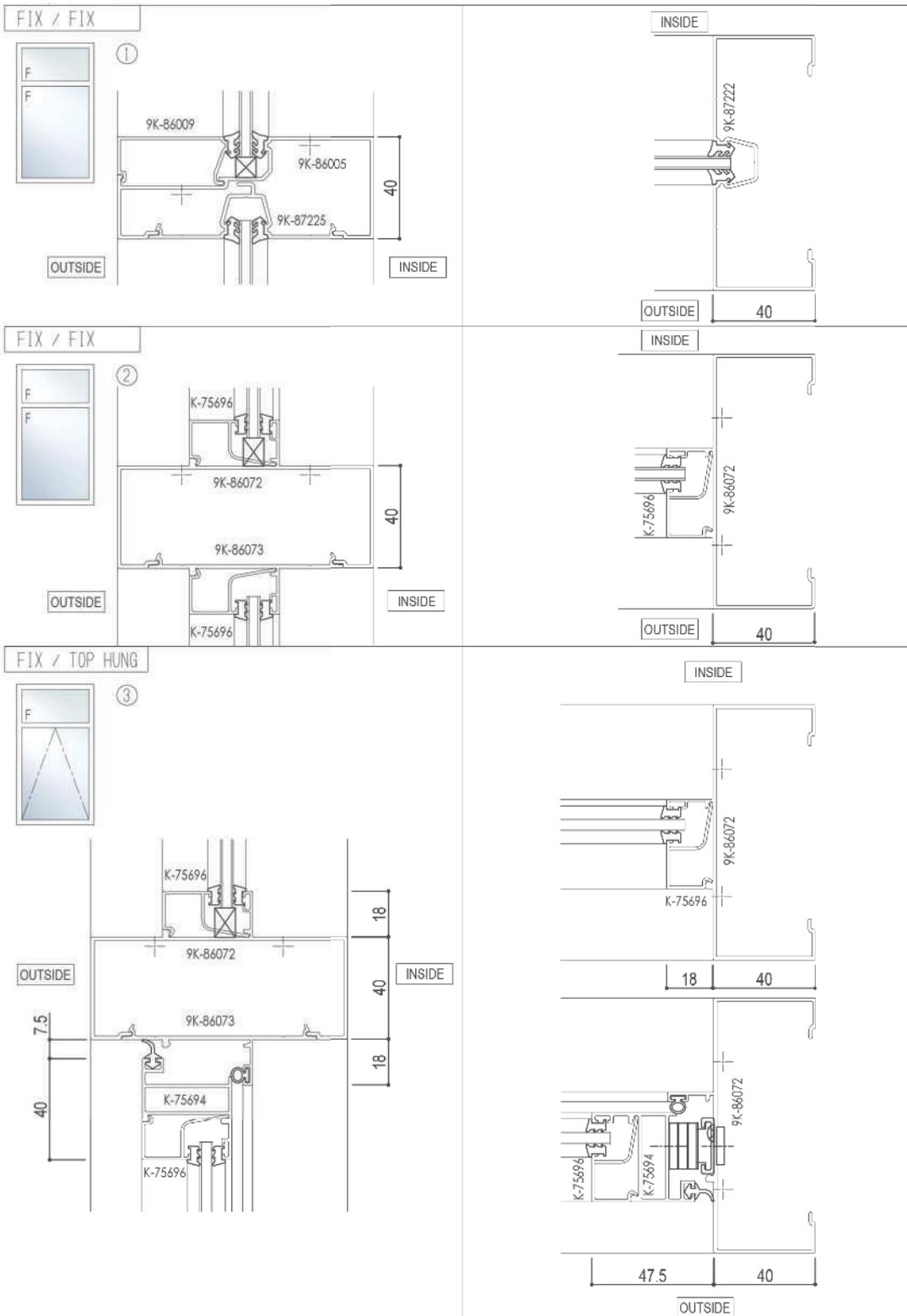
LOUVER / FLOOR HINGE DOOR



STEP WINDOW

SCALE 1:2.5

Depth 100



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

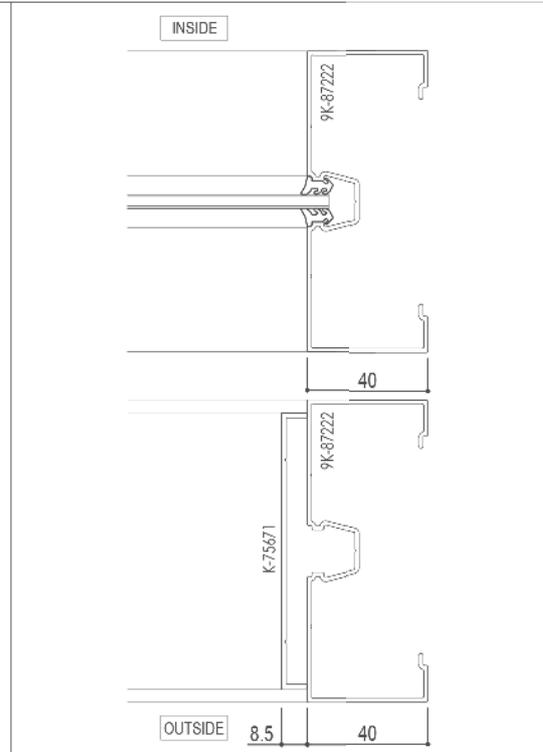
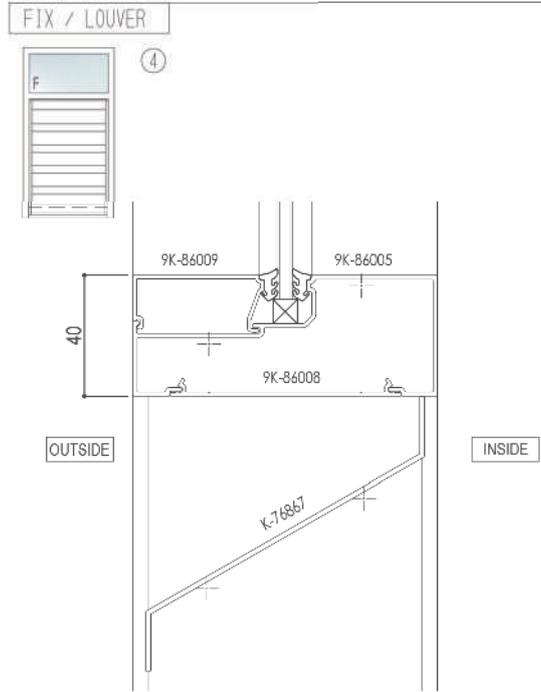
GENERAL SHAPE

STEP WINDOW

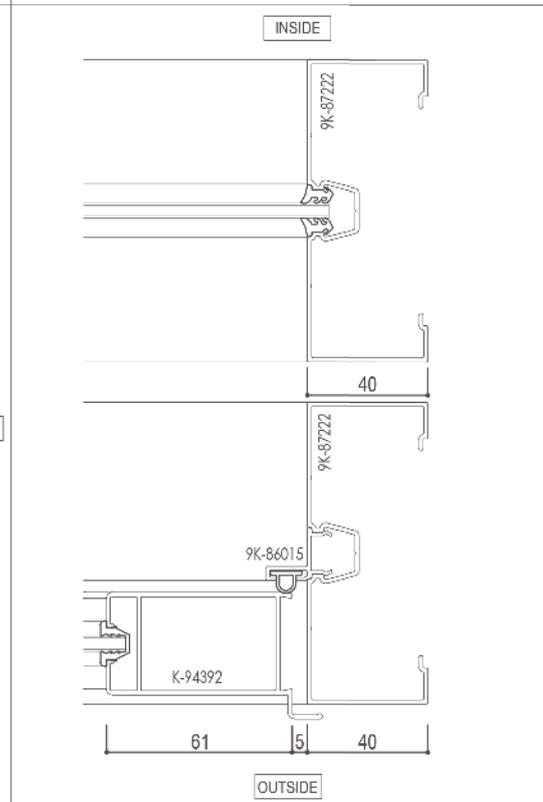
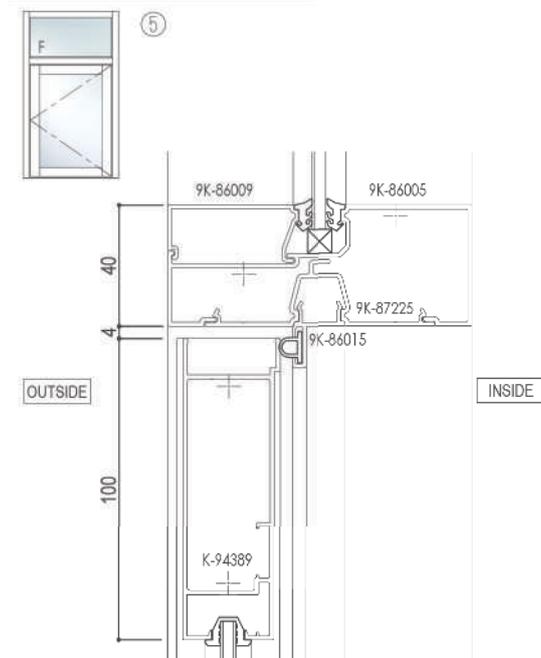
SCALE 1:2.5

- FIX
- TOP HUNG, CASEMENT
- SLIDING
- LOUVER
- BUTT HINGE DOOR
- FLOOR HINGE DOOR
- SEMI FRAMELESS DOOR
- SLIDING
- STEP WINDOW
- CONTINUOUS WINDOW
- YCR
- YCB
- SPANDREL & CEILING
- ROLLING SHUTTER
- GENERAL SHAPE

Depth 100



FIX / BUTT HINGE DOOR (DT34)

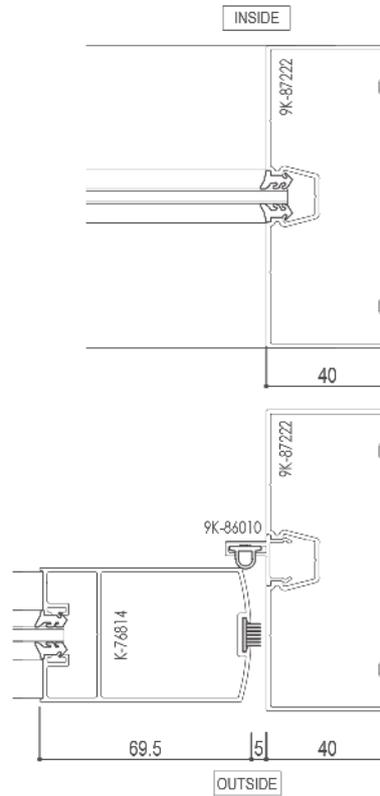
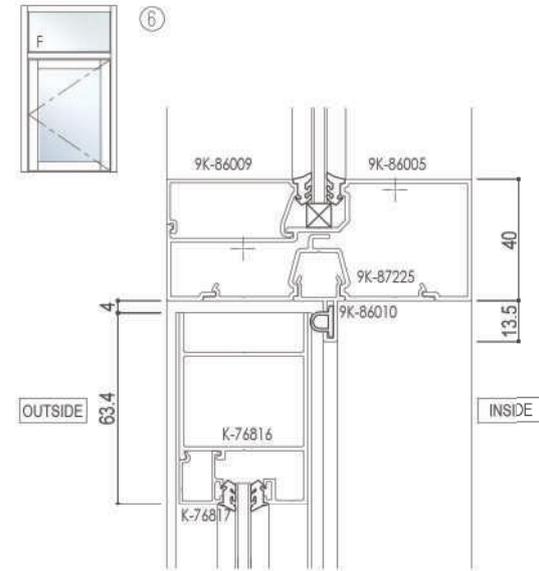


STEP WINDOW

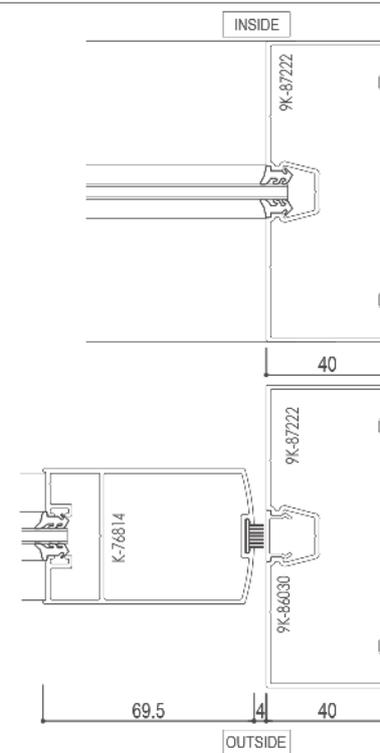
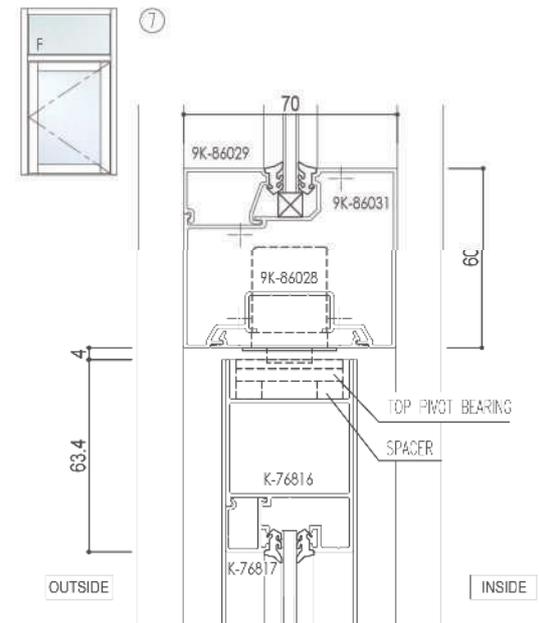
SCALE 1:2.5

Depth 100

FIX / BUTT HINGE DOOR (DT44,5)



FIX / FLOOR HINGE DOOR



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

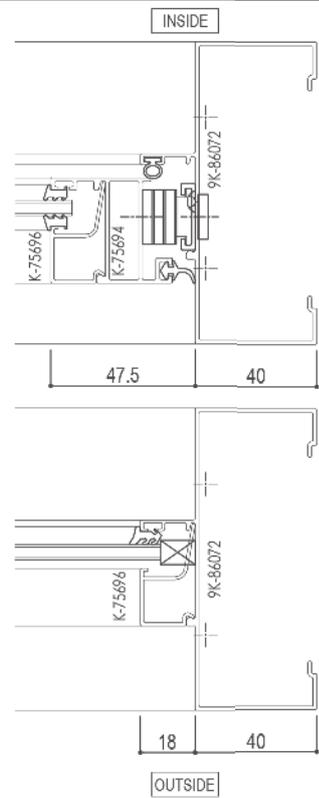
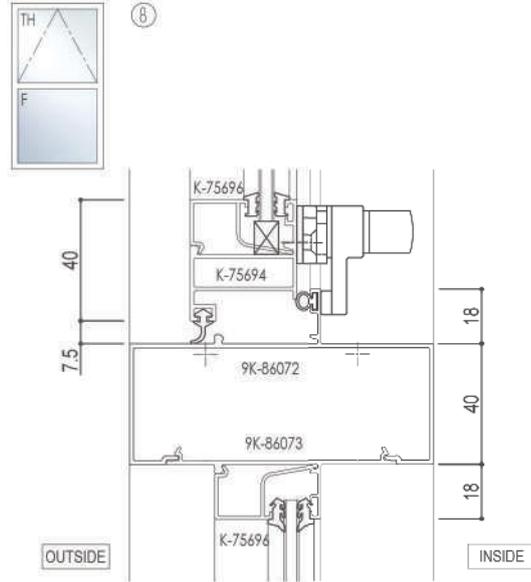
STEP WINDOW

SCALE 1:2.5

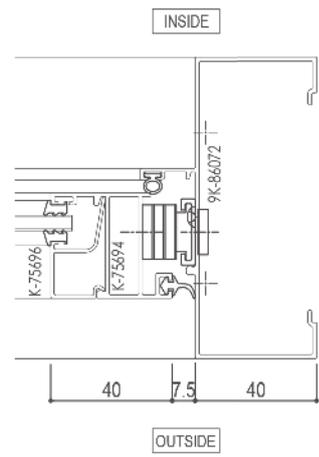
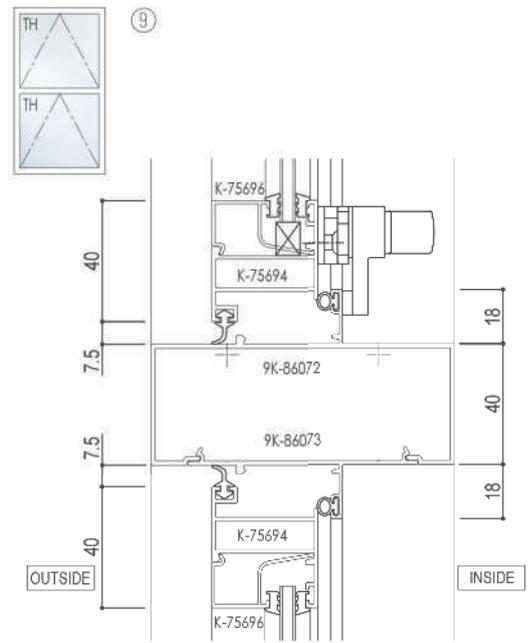
- FIX
- TOP HUNG, CASEMENT
- SLIDING
- LOUVER
- BUTT HINGE DOOR
- FLOOR HINGE DOOR
- SEMI FRAMELESS DOOR
- SLIDING
- STEP WINDOW
- CONTINUOUS WINDOW
- YCR
- YCB
- SPANDREL & CEILING
- ROLLING SHUTTER
- GENERAL SHAPE

Depth 100

TOP HUNG / FIX



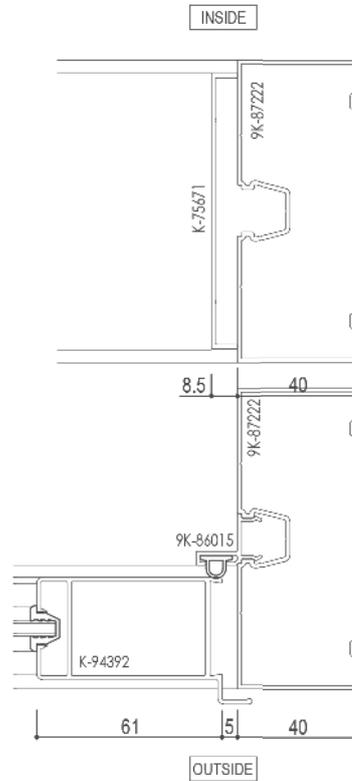
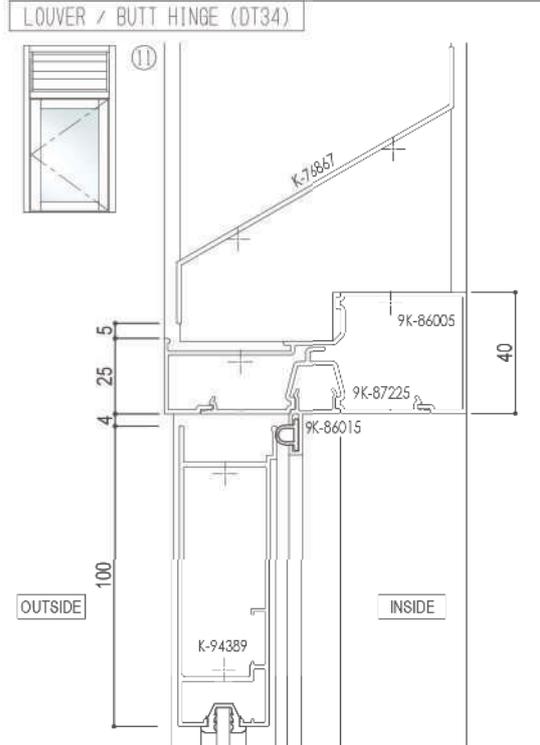
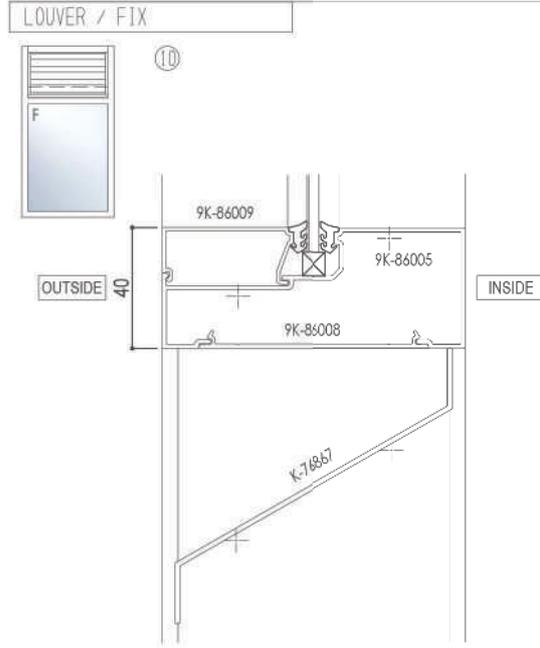
TOP HUNG / TOP HUNG



STEP WINDOW

SCALE 1:2.5

Depth 100



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

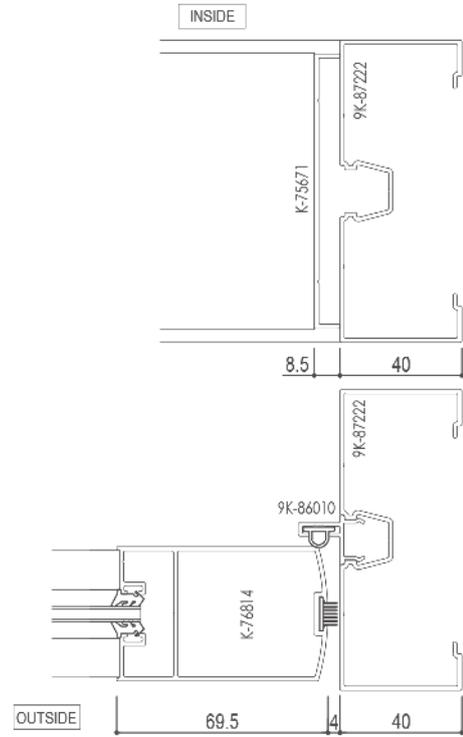
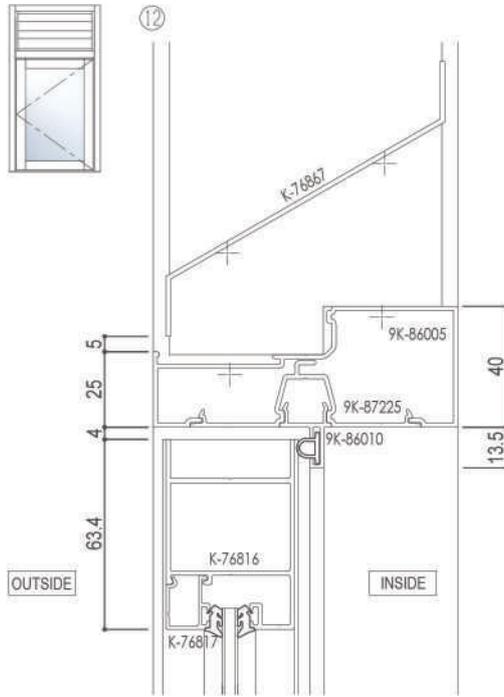
STEP WINDOW

SCALE 1:2.5

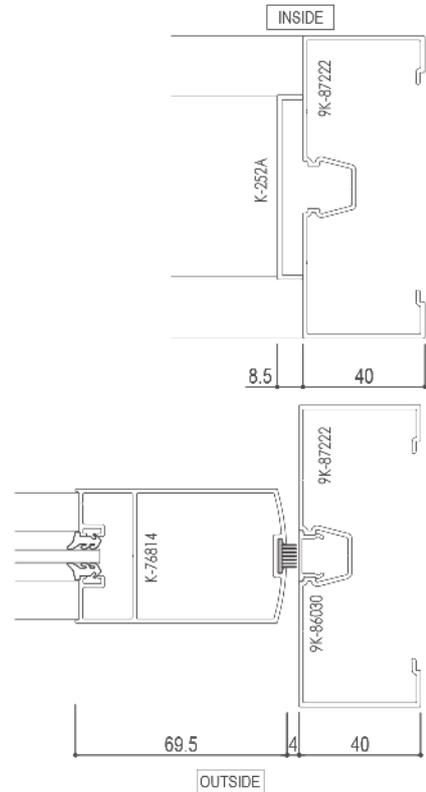
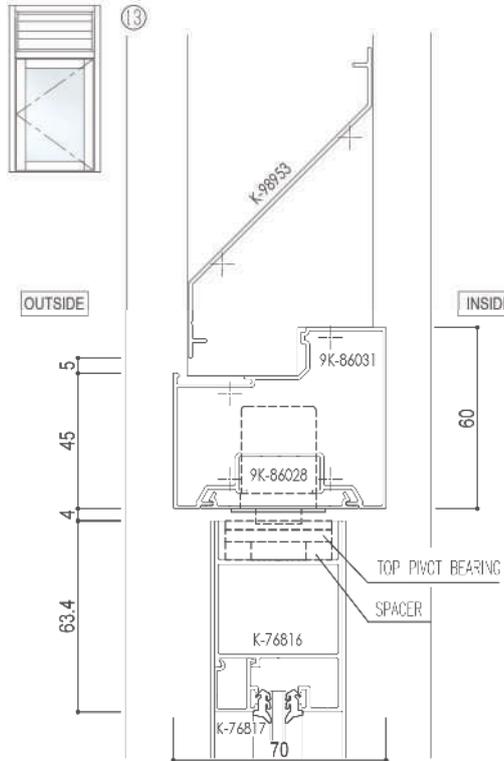
- FIX
- TOP HUNG, CASEMENT
- SLIDING
- LOUVER
- BUTT HINGE DOOR
- FLOOR HINGE DOOR
- SEMI FRAMELESS DOOR
- SLIDING
- STEP WINDOW
- CONTINUOUS WINDOW
- YCR
- YCB
- SPANDREL & CEILING
- ROLLING SHUTTER
- GENERAL SHAPE

Depth 100

LOUVER / BUTT HINGE (DT44, 5)



LOUVER / FLOOR HINGE DOOR

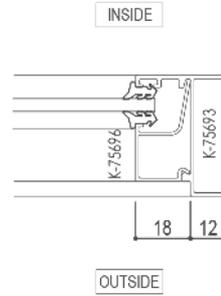
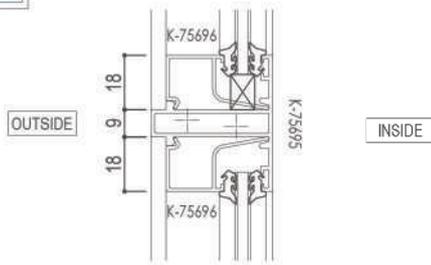


STEP WINDOW

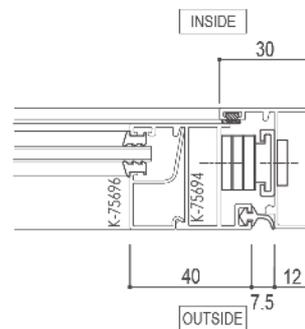
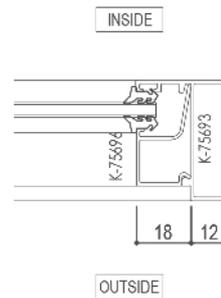
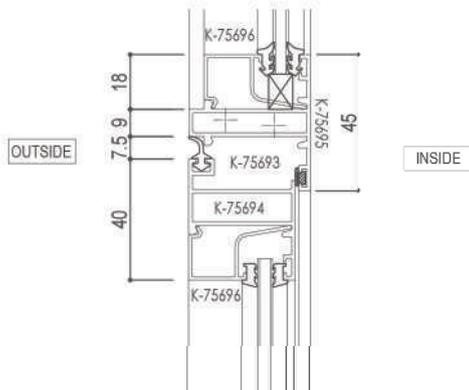
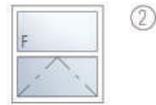
SCALE 1:2.5

Depth 40

FIX / FIX



FIX / TOP HUNG



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

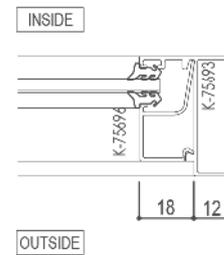
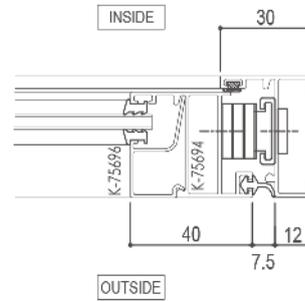
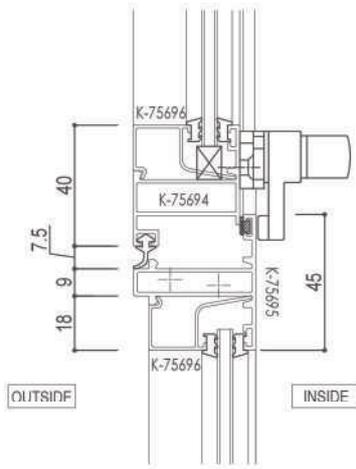
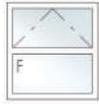
FIX
TOP HUNG, CASEMENT
SLIDING
LOUVER
BUTT HINGE DOOR
FLOOR HINGE DOOR
SEMI FRAMELESS DOOR
SLIDING
STEP WINDOW
CONTINUOUS WINDOW
YCR
YCB
SPANDREL & CEILING
ROLLING SHUTTER
GENERAL SHAPE

STEP WINDOW

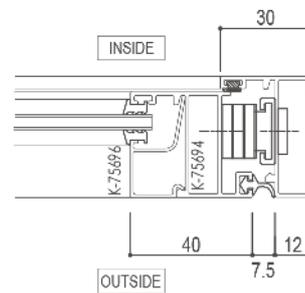
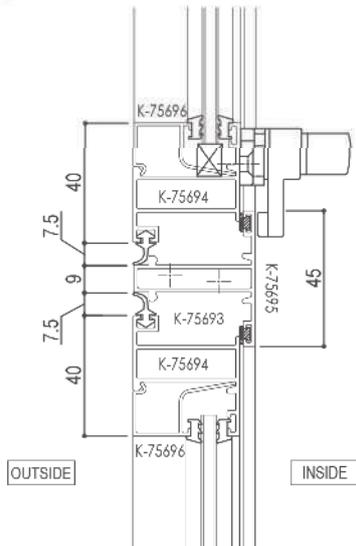
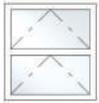
SCALE 1:2.5

Depth 40

TOP HUNG / FIX



TOP HUNG / TOP HUNG





FIX

TOP HUNG,
CASEMENT

SLIDING

LOUVER

BUTT
HINGE
DOORFLOOR
HINGE
DOORSEMI
FRAMELESS
DOOR

SLIDING

STEP
WINDOWCONTINUOUS
WINDOW

YCR

YCB

SPANDREL
& CEILINGROLLING
SHUTTERGENERAL
SHAPE

CONTINUOUS WINDOW

SCALE 1:2

➤ 70 Depth

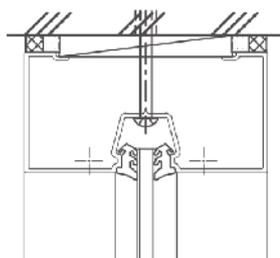
Left	Right	Fix		Top hung Casement	Sliding	Louver
		TYPE 1	TYPE 2			
Fix	TYPE 1	P78①	P78②	P78④	P78⑥	P78⑧
	TYPE 2	P78②	P78③	P78⑤	P78⑦	P78⑨
Top hung / Casement		P78④	P78⑤	P79⑯	P79⑰	P80⑱
Sliding		P78⑥	P78⑦	P79⑰	P80⑳	P80㉓
Louver		P78⑧	P78⑨	P80⑱	P80㉓	P81㉗
Butt Hinge Door	DT34	P79⑩	P79⑪	P80⑰	P80㉔	P81㉘
	DT44.5	P79⑫	P79⑬	P80⑳	P80㉕	P81㉙
Floor Hinge Door		P79⑭	P79⑮	P80㉑	P81㉖	P81㉚
Fix 90 °		P81⑳	P81㉛	P82㉜	P82㉟	P82㉝

➤ 100 Depth

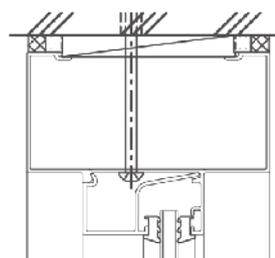
Left	Right	Fix		Top hung Casement	Louver
		TYPE 1	TYPE 2		
Fix	TYPE 1	P83①	P83②	P83④	P83⑥
	TYPE 2	P83②	P83③	P83⑤	P83⑦
Top hung / Casement		P83④	P83⑤	P85⑭	P85⑮
Louver		P83⑥	P83⑦	P85⑮	P85⑲
Butt Hinge Door	DT34	P84⑧	P84⑨	P85⑰	P86⑳
	DT44.5	P84⑩	P84⑪	P85⑰	P86㉑
Floor Hinge Door		P84⑫	P84⑬	P85⑱	P86㉒
Fix 90 °		P86㉓	P86㉔	P87⑵	P87⑶

➤ 40 Depth

Left	Right	Fix	Top hung Casement
Fix		P87①	P87②
Top hung / Casement		P87②	P87③



Type 1

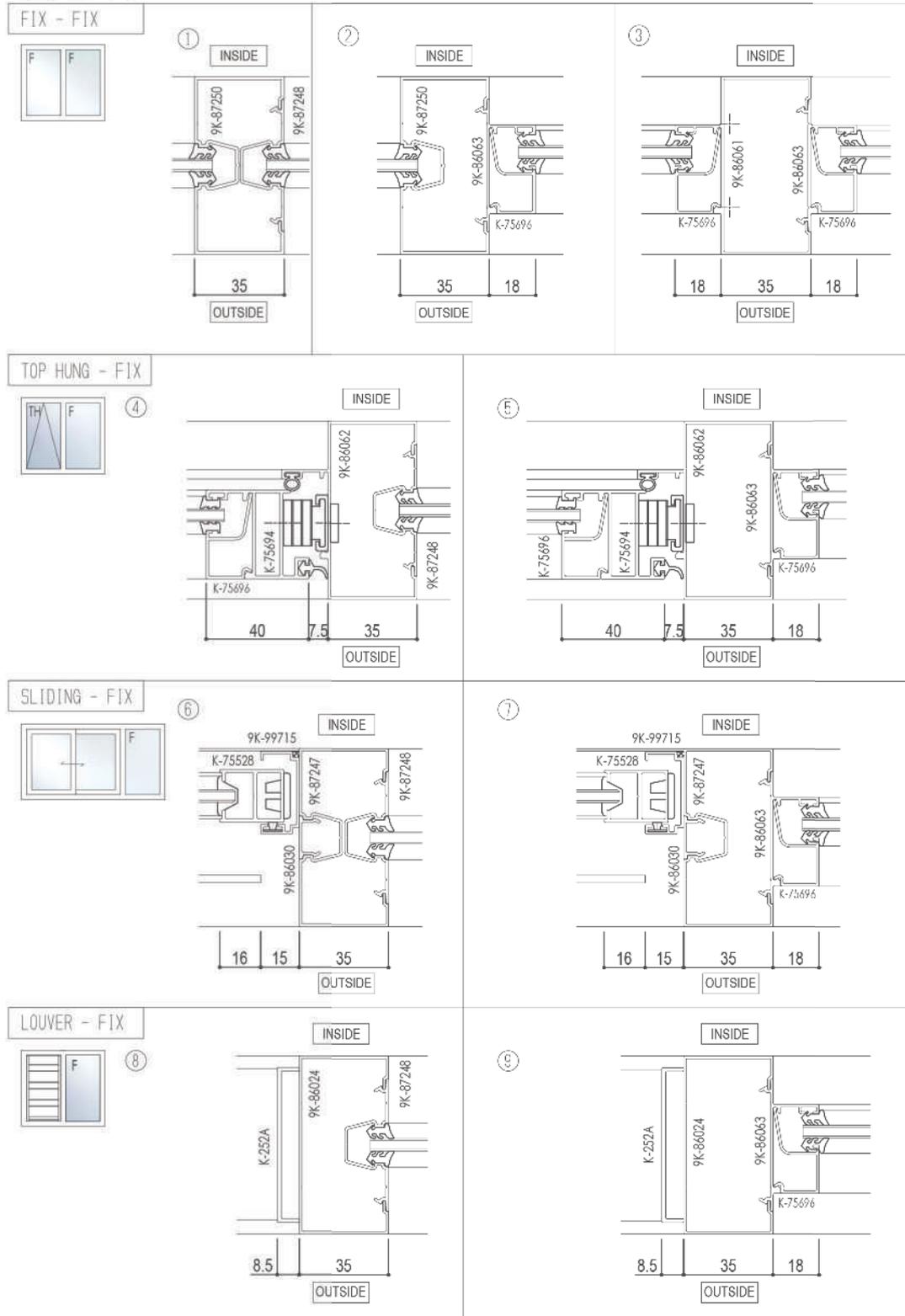


Type 2

CONTINUOUS WINDOW

SCALE 1:2.5

70 Depth



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

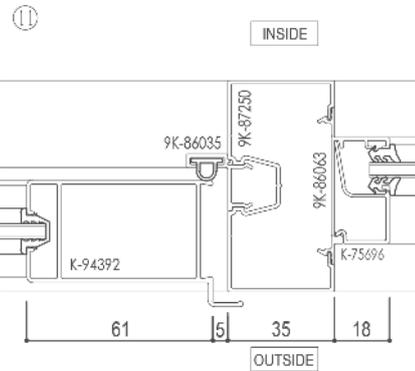
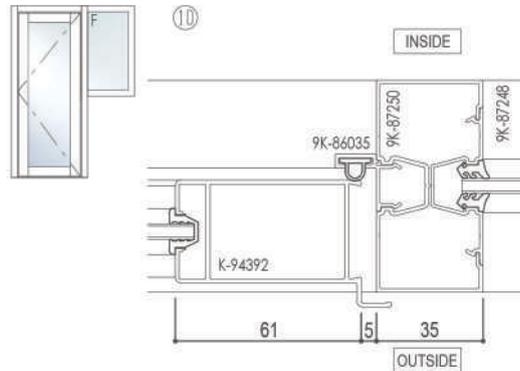
CONTINUOUS WINDOW

SCALE 1:2.5

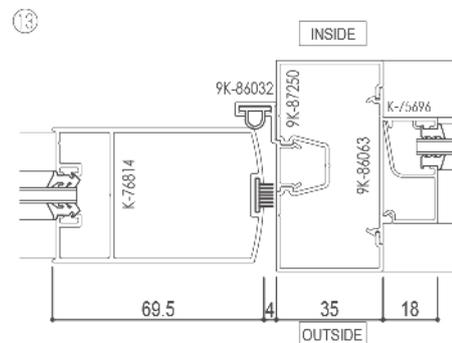
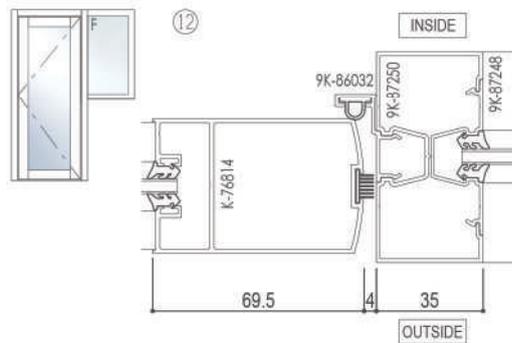
- FIX
- TOP HUNG, CASEMENT
- SLIDING
- LOUVER
- BUTT HINGE DOOR
- FLOOR HINGE DOOR
- SEMI FRAMELESS DOOR
- SLIDING
- STEP WINDOW
- CONTINUOUS WINDOW
- YCR
- YCB
- SPANDREL & CEILING
- ROLLING SHUTTER
- GENERAL SHAPE

70 Depth

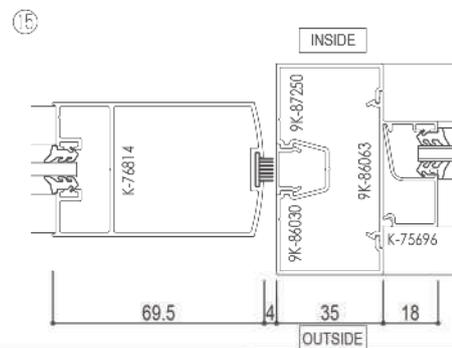
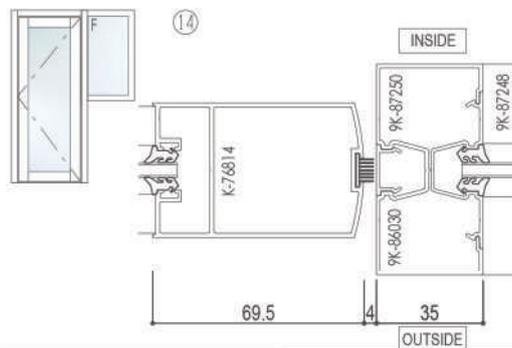
BUTT HINGE DOOR (DT34) - FIX



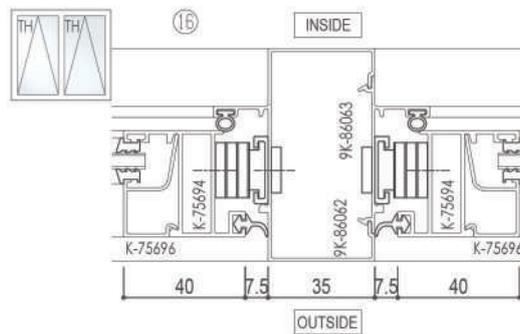
BUTT HINGE DOOR (DT44,5) - FIX



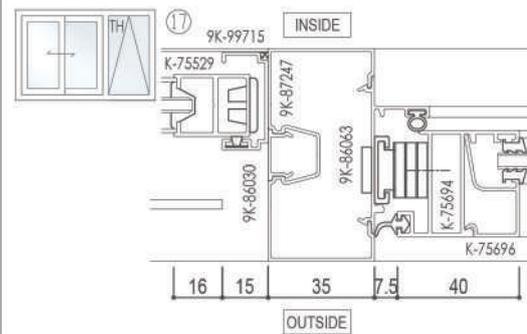
FLOOR HINGE DOOR - FIX



TOP HUNG - TOP HUNG



SLIDING - TOP HUNG

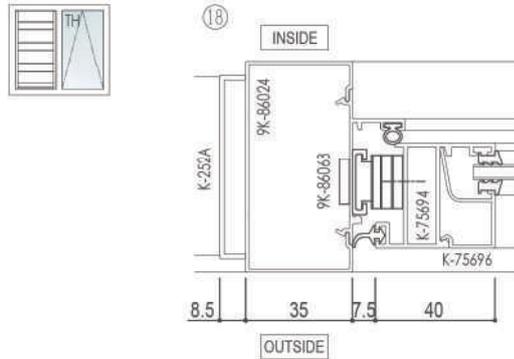


CONTINUOUS WINDOW

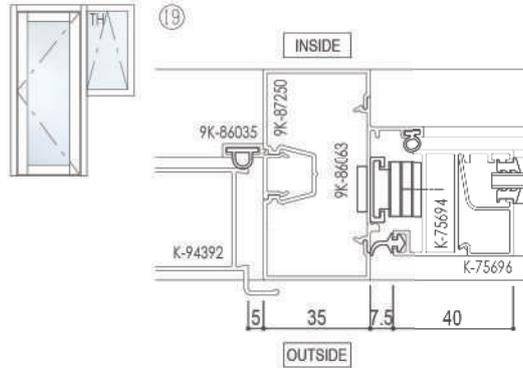
SCALE 1:2.5

70 Depth

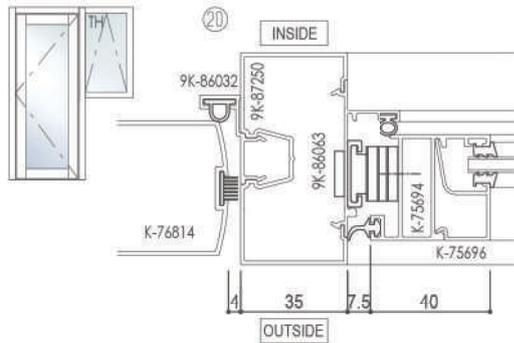
LOUVER - TOP HUNG



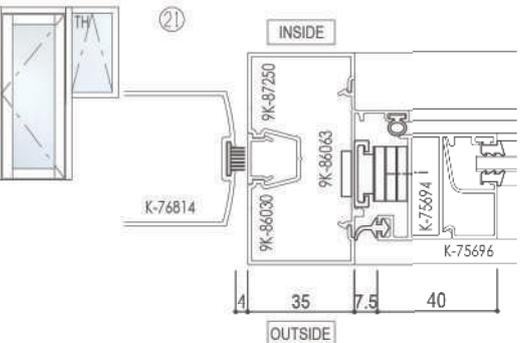
BUTT HINGE (DT34) - TOP HUNG



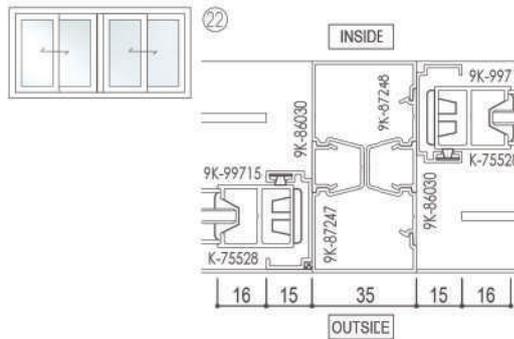
BUTT HINGE (DT44, 5) - TOP HUNG



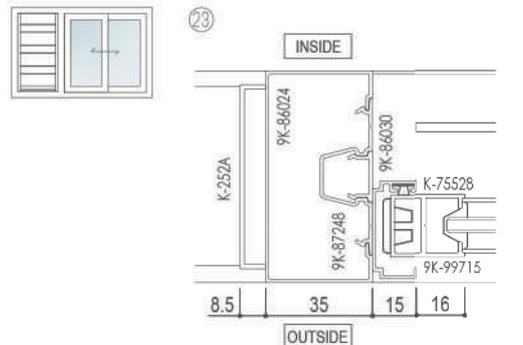
FLOOR HINGE DOOR - TOP HUNG



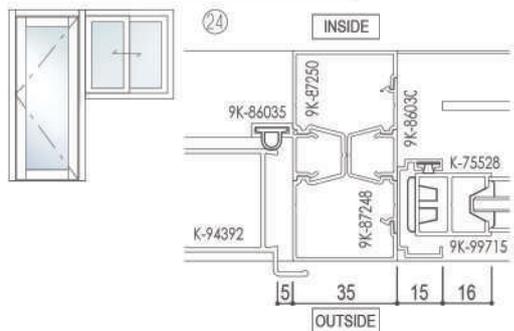
SLIDING - SLIDING



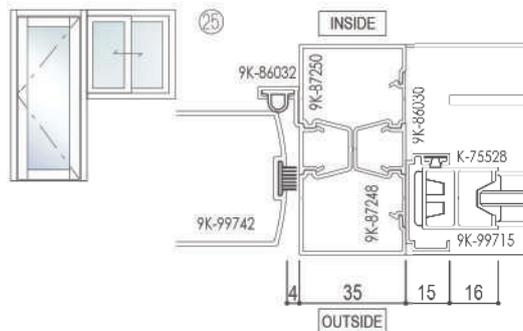
LOUVER - SLIDING



BUTT HINGE DOOR (DT34) - SLIDING



BUTT HINGE DOOR (DT44, 5) - SLIDING



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

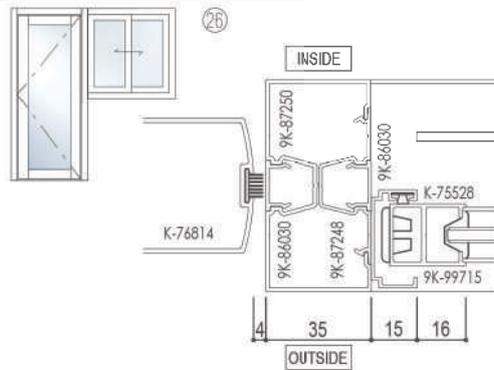
CONTINUOUS WINDOW

SCALE 1:2.5

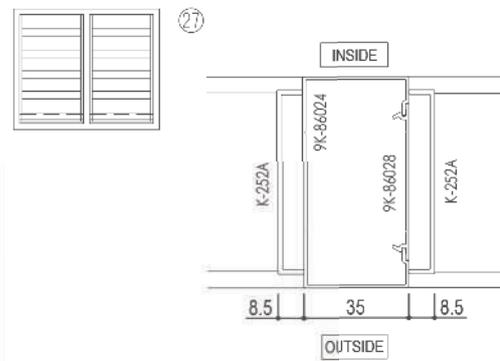
- FIX
- TOP HUNG, CASEMENT
- SLIDING
- LOUVER
- BUTT HINGE DOOR
- FLOOR HINGE DOOR
- SEMI FRAMELESS DOOR
- SLIDING
- STEP WINDOW
- CONTINUOUS WINDOW
- YCR
- YCB
- SPANDREL & CEILING
- ROLLING SHUTTER
- GENERAL SHAPE

70 Depth

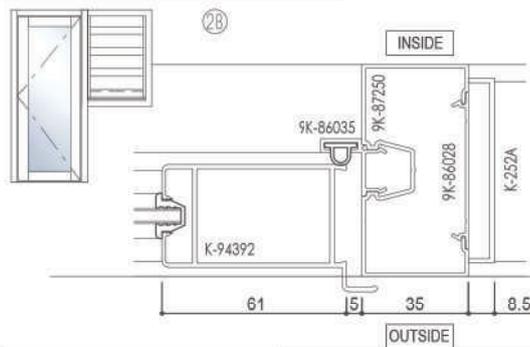
FLOOR HINGE DOOR - SLIDING



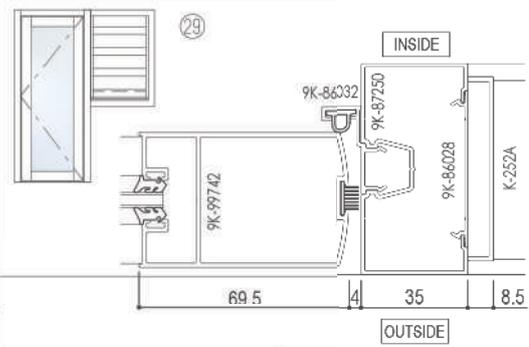
LOUVER - LOUVER



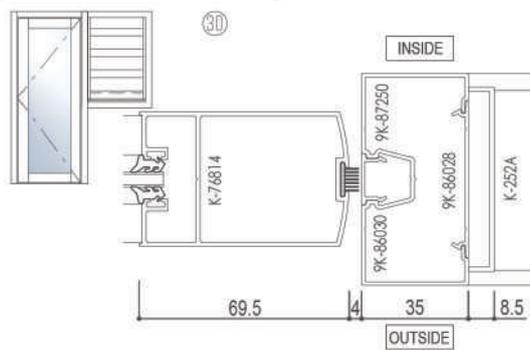
BUTT HINGE DOOR (DT34) - LOUVER



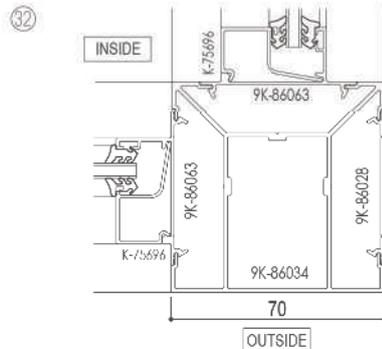
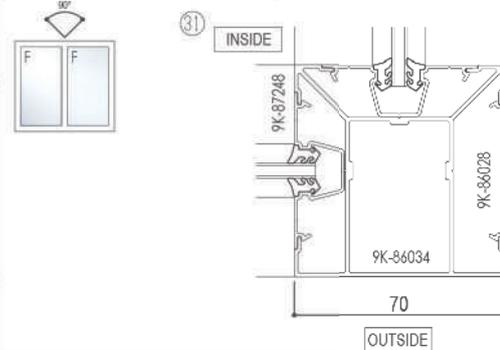
BUTT HINGE DOOR (DT44,5) - LOUVER



FLOOR HINGE DOOR - LOUVER



FIX - FIX 90°

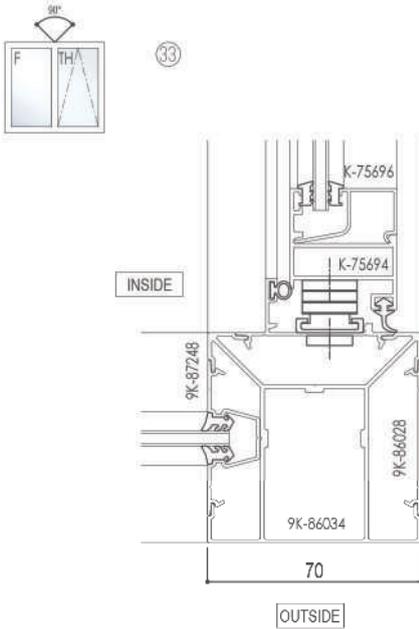


CONTINUOUS WINDOW

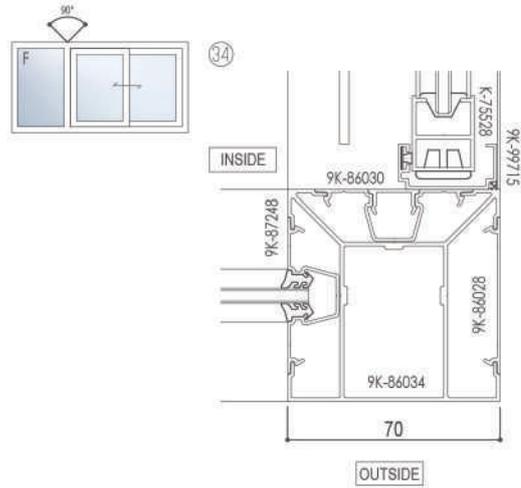
SCALE 1:2.5

70 Depth

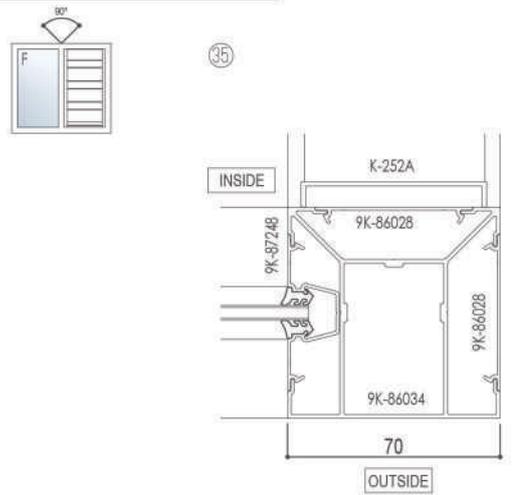
FIX - TOP HUNG 90°



FIX - SLIDING 90°



FIX - LOUVER 90°



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

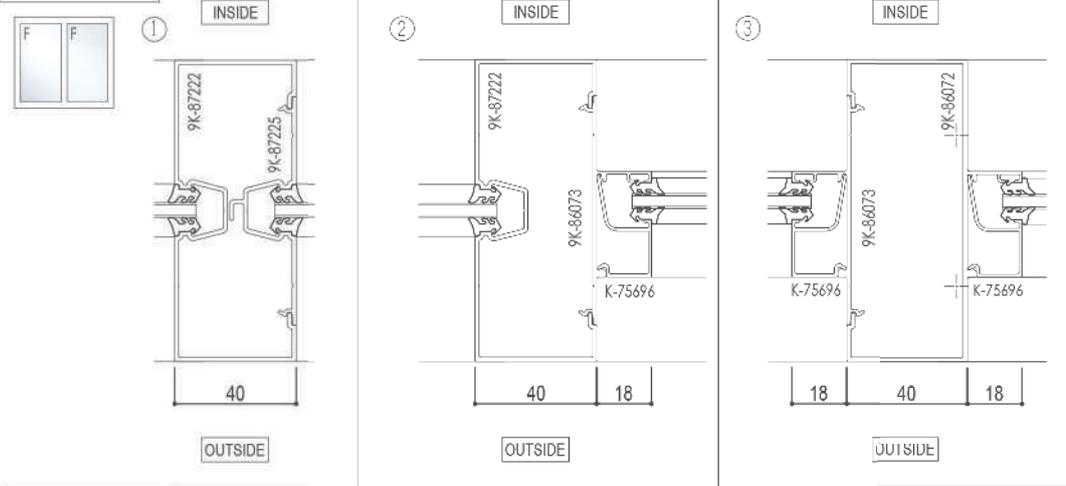
GENERAL SHAPE

CONTINUOUS WINDOW

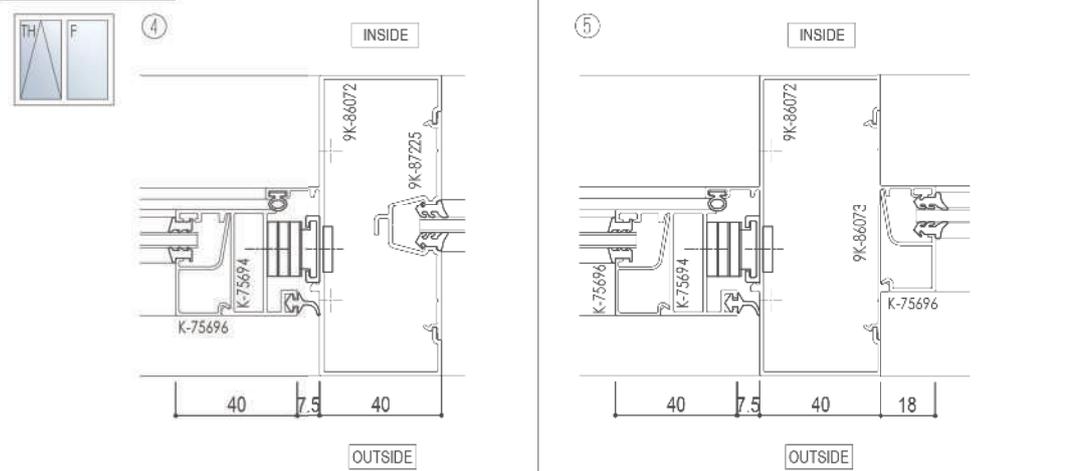
SCALE 1:2.5

Depth 100

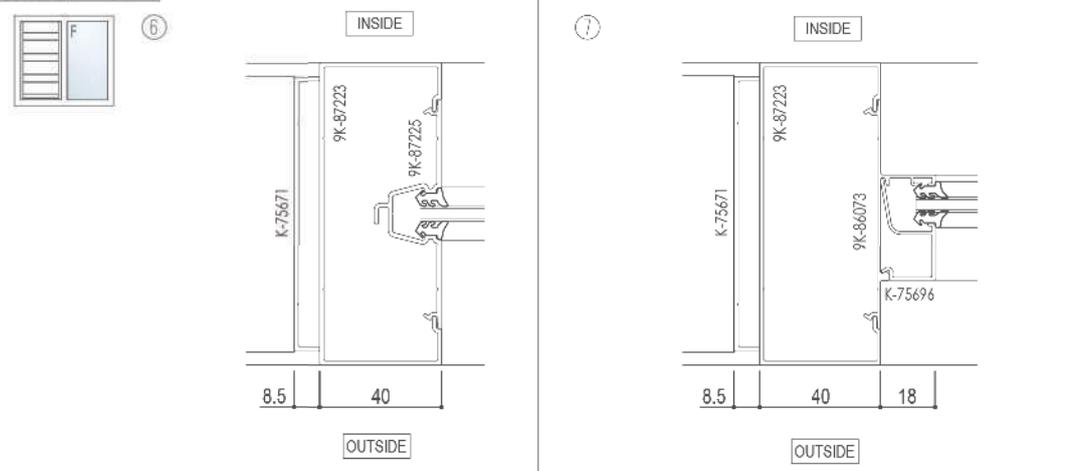
FIX - FIX



TOP HUNG - FIX



LOUVER - FIX

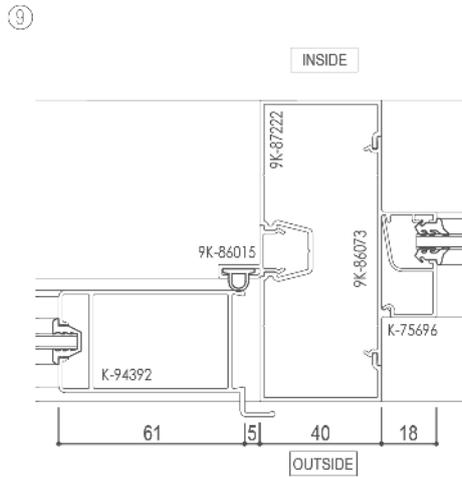
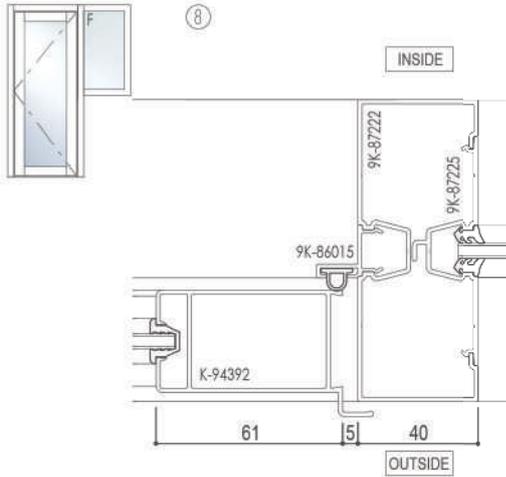


CONTINUOUS WINDOW

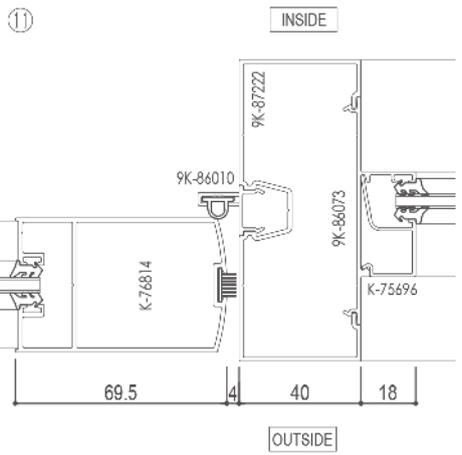
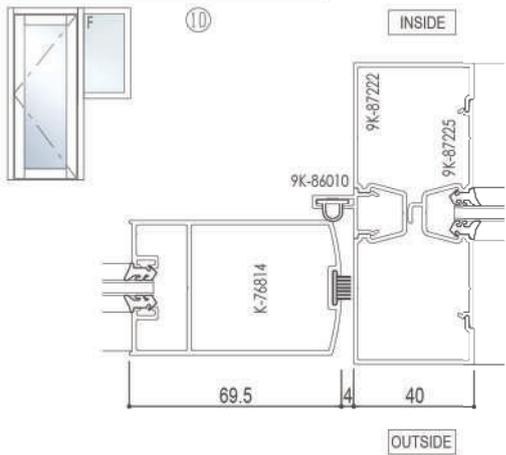
SCALE 1:2.5

Depth 100

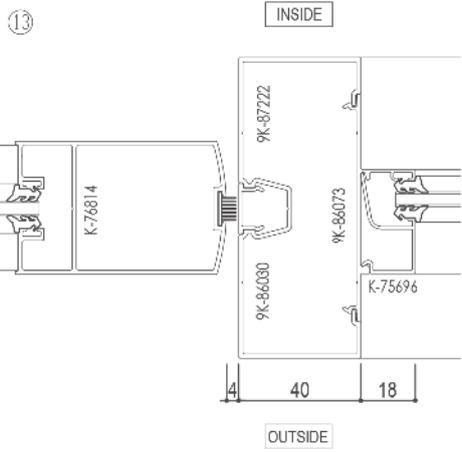
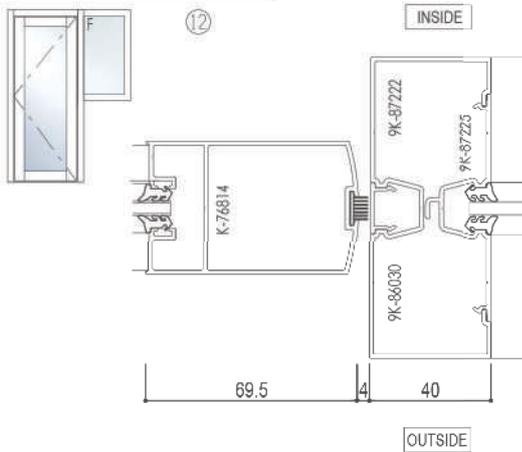
BUTT HINGE DOOR (DT34) - FIX



BUTT HINGE DOOR (DT44,5) - FIX



FLOOR HINGE DOOR - FIX



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

CONTINUOUS WINDOW

SCALE 1:2.5

FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

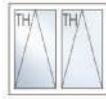
SPANDREL & CEILING

ROLLING SHUTTER

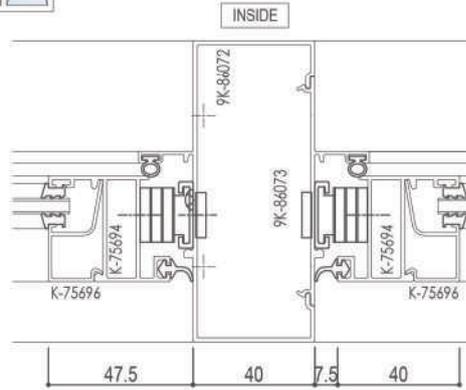
GENERAL SHAPE

Depth 100

TOP HUNG - TOP HUNG



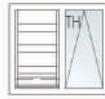
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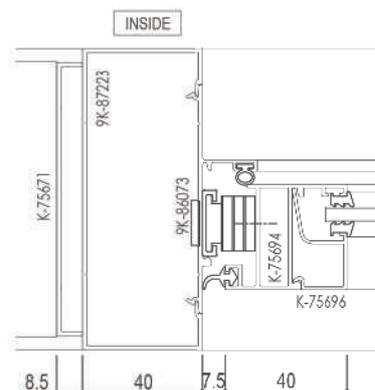
INSIDE

OUTSIDE

TOP HUNG - TOP HUNG



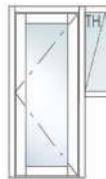
15



INSIDE

OUTSIDE

BUTT HINGE DOOR (DT34) - TOP HUNG



16



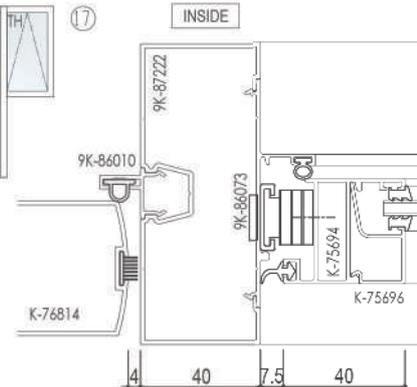
INSIDE

OUTSIDE

BUTT HINGE DOOR (DT44,5) - TOP HUNG



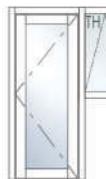
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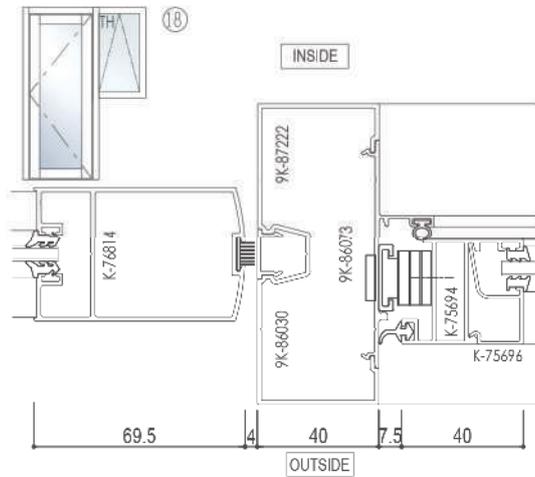
INSIDE

OUTSIDE

FLOOR HINGE - TOP HUNG



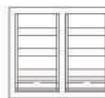
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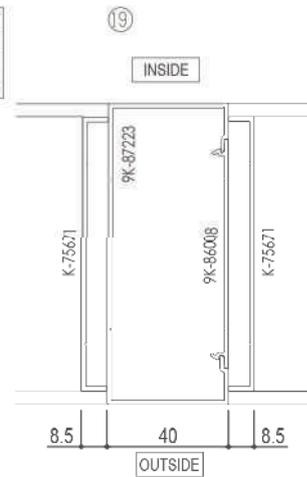
INSIDE

OUTSIDE

LOUVER - LOUVER



19



INSIDE

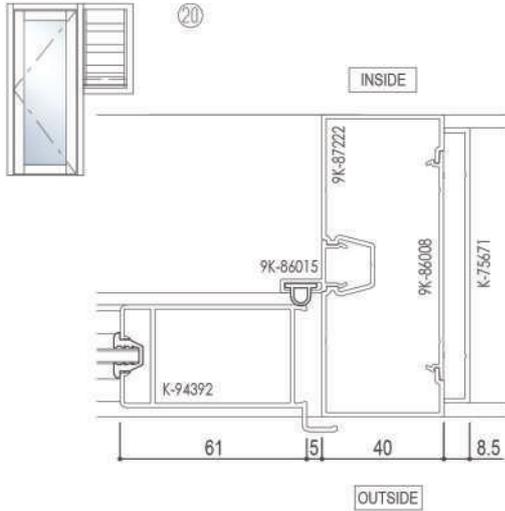
OUTSIDE

CONTINUOUS WINDOW

SCALE 1:2.5

Depth 100

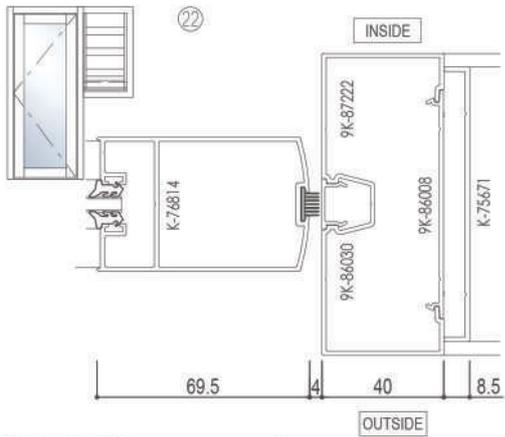
BUTT HINGE DOOR (DT34) - LOUVER



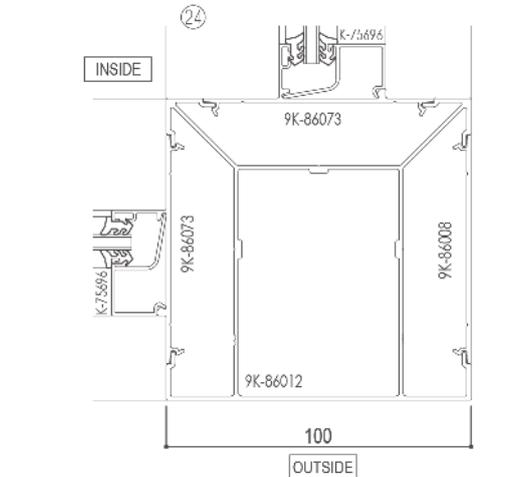
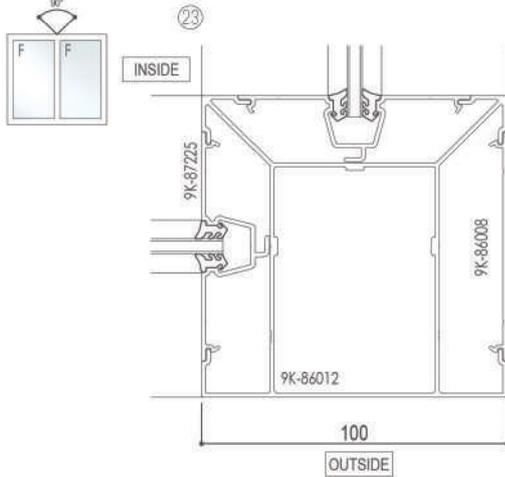
BUTT HINGE DOOR (DT44,5) - LOUVER



FLOOR HINGE - LOUVER



FIX - FIX 90°



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

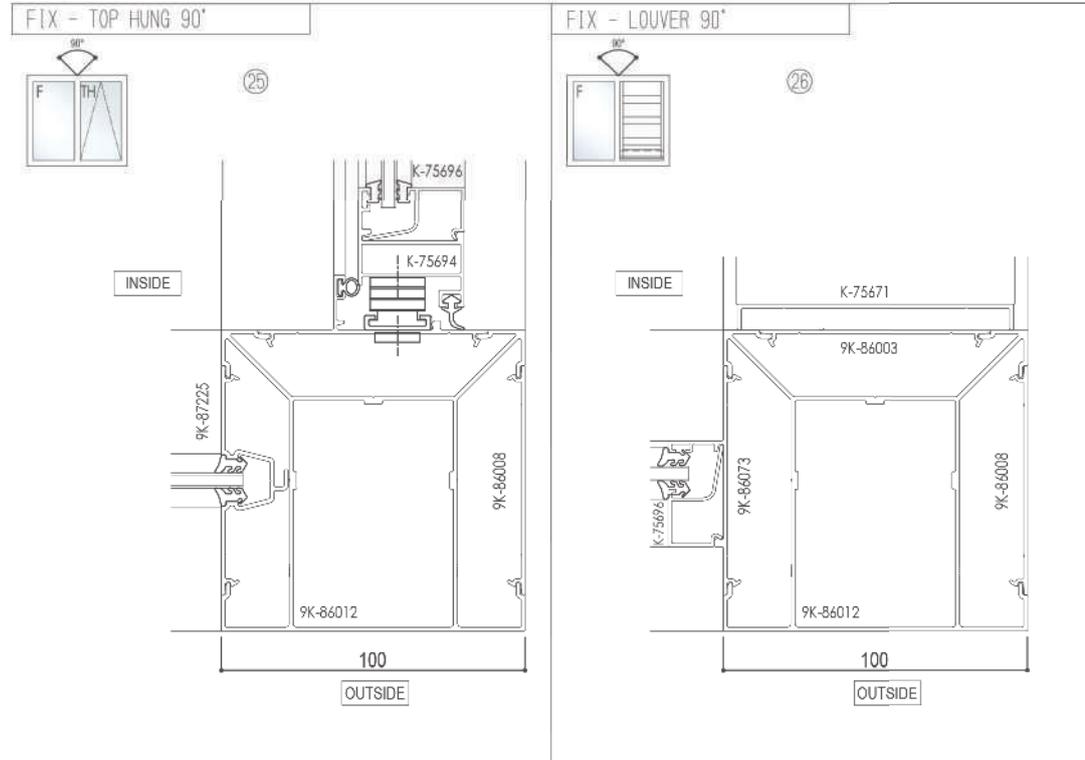
GENERAL SHAPE

CONTINUOUS WINDOW

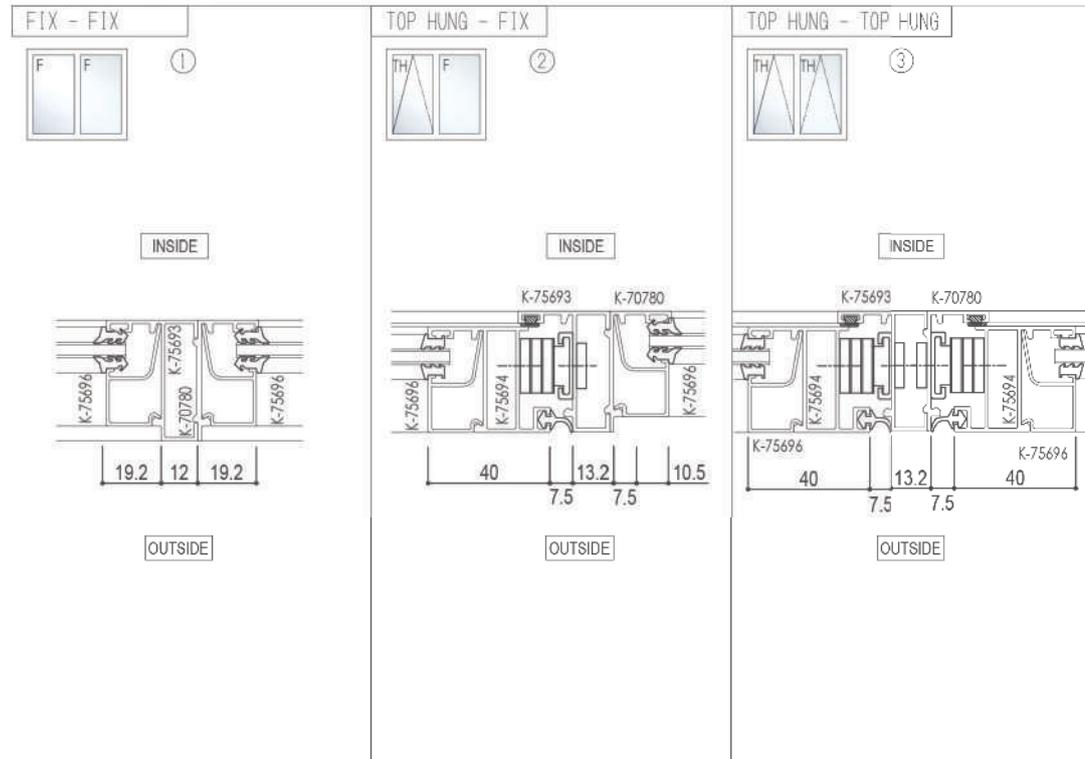
SCALE 1:2.5

- FIX
- TOP HUNG, CASEMENT
- SLIDING
- LOUVER
- BUTT HINGE DOOR
- FLOOR HINGE DOOR
- SEMI FRAMELESS DOOR
- SLIDING
- STEP WINDOW
- CONTINUOUS WINDOW
- YCR
- YCB
- SPANDREL & CEILING
- ROLLING SHUTTER
- GENERAL SHAPE

Depth 100



Depth 40





3.1 YCR



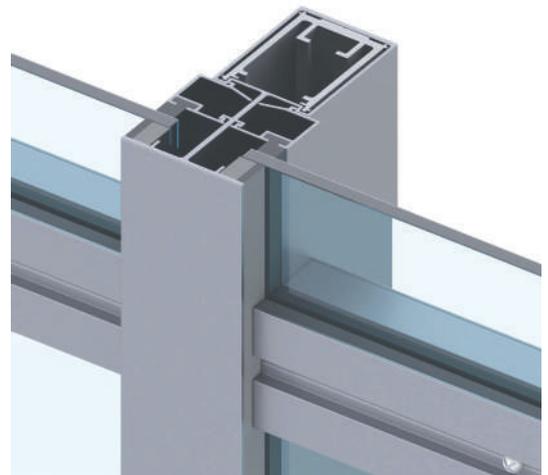
Curtain wall systems cover a building with glass and aluminum to protect the interior from the elements and create a safe and comfortable work environment for the building occupants.

This frame is made of aluminum which is then attached to the brackets to each floor structure, columns and building beams.

Both transom and mullion are visible from outside.



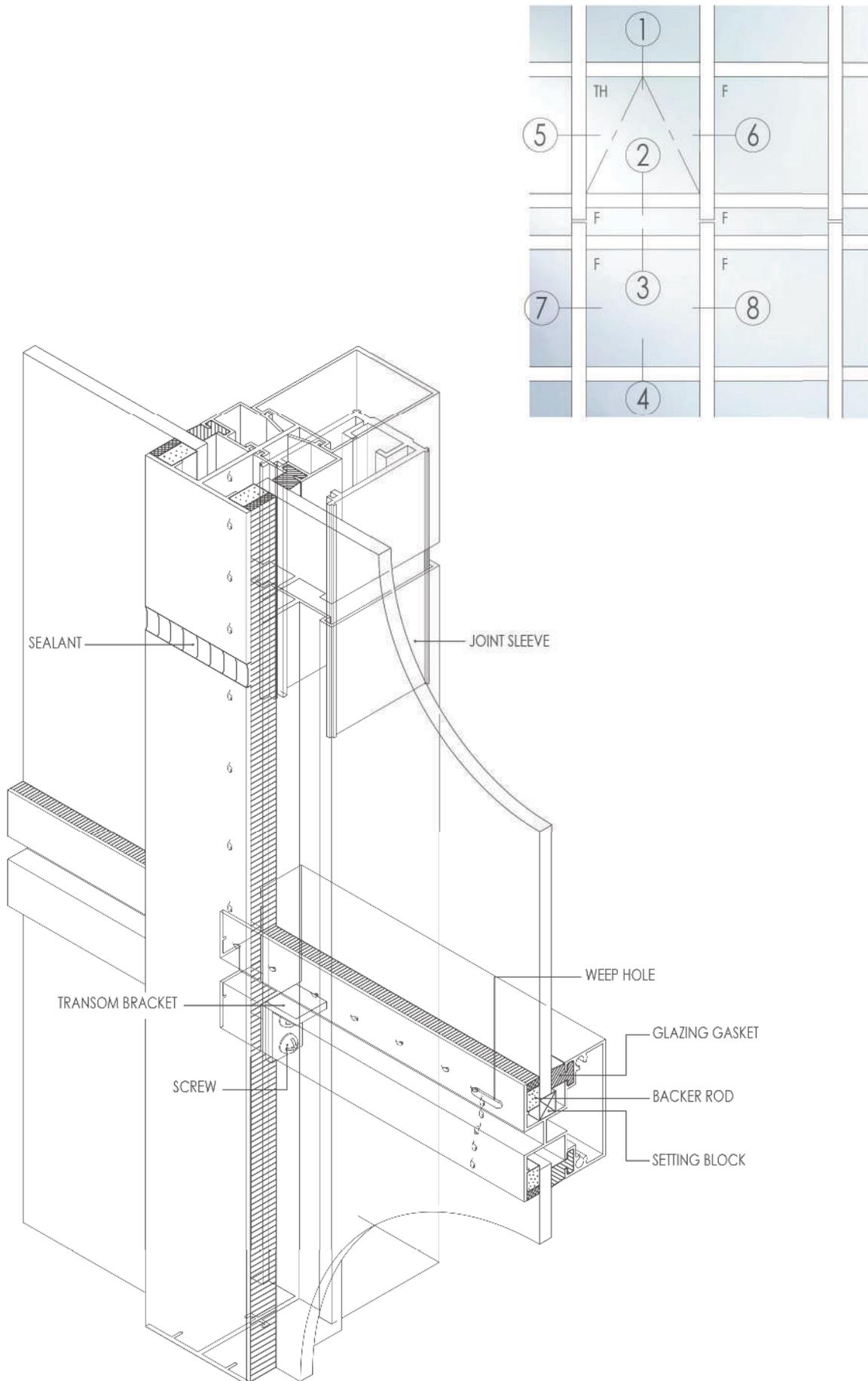
Curtain - Wall YCR



Curtain Wall - YCR

3.1. YCR

SCALE 1:2



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

FIX

TOP HUNG,
CASEMENT

SLIDING

LOUVER

BUTT
HINGE
DOORFLOOR
HINGE
DOORSEMI
FRAMELESS
DOOR

SLIDING

STEP
WINDOWCONTINUOUS
WINDOW

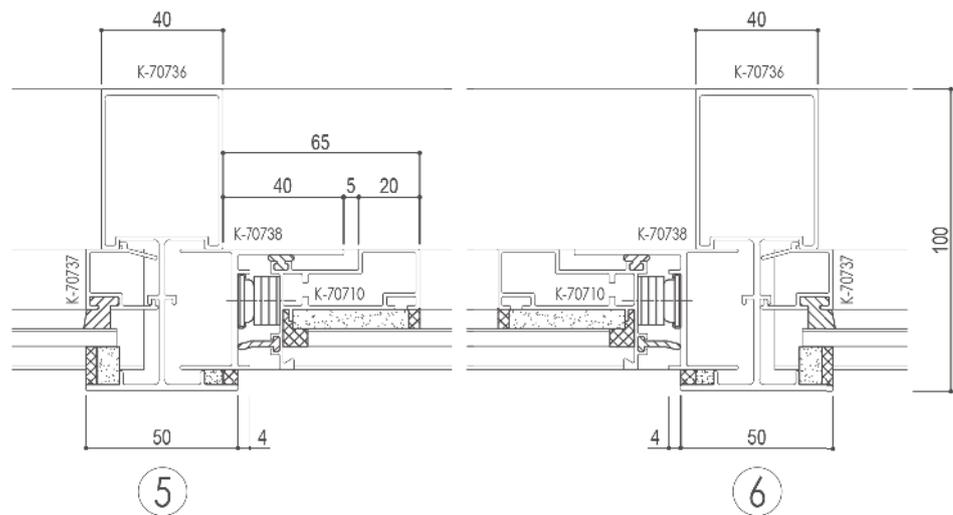
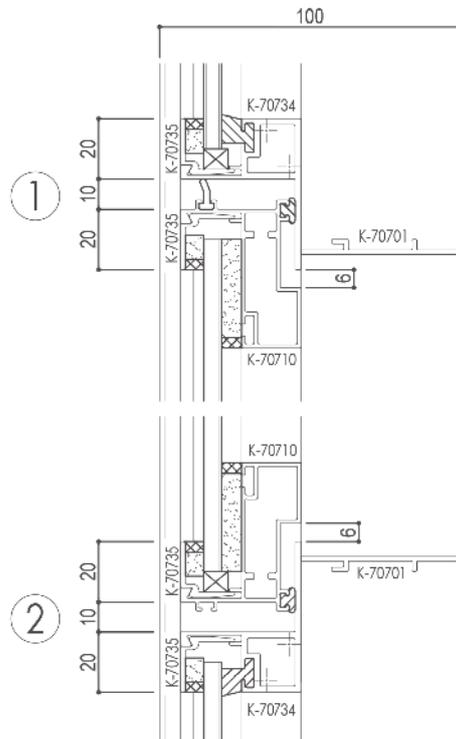
YCR

YCB

SPANDREL
& CEILINGROLLING
SHUTTERGENERAL
SHAPE

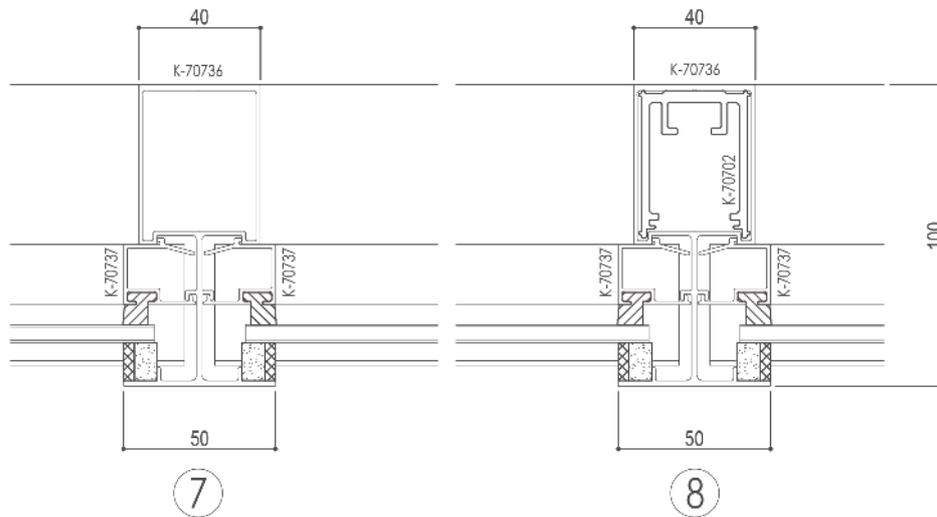
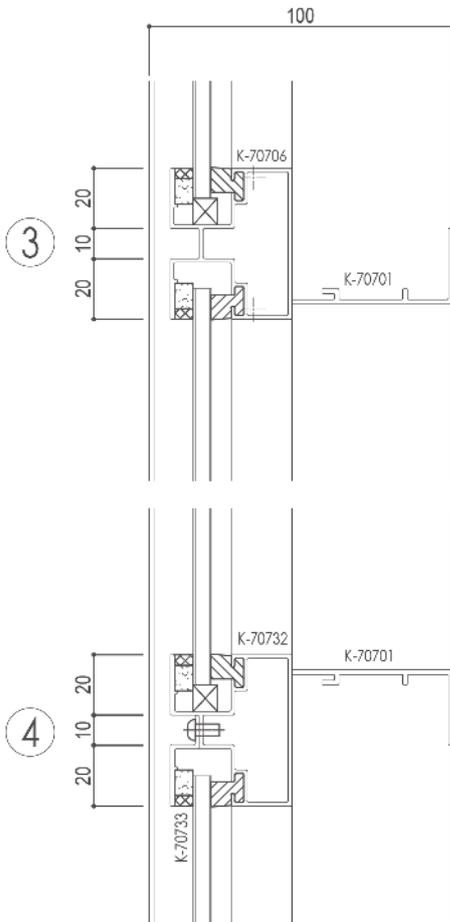
3.1. YCR

SCALE 1:2.5



3.1. YCR

SCALE 1:2.5



FIX

TOP HUNG,
CASEMENT

SLIDING

LOUVER

BUTT
HINGE
DOOR

FLOOR
HINGE
DOOR

SEMI
FRAMELESS
DOOR

SLIDING

STEP
WINDOW

CONTINUOUS
WINDOW

YCR

YCB

SPANDREL
& CEILING

ROLLING
SHUTTER

GENERAL
SHAPE

FIX

TOP HUNG,
CASEMENT

SLIDING

LOUVER

BUTT
HINGE
DOORFLOOR
HINGE
DOORSEMI
FRAMELESS
DOOR

SLIDING

STEP
WINDOWCONTINUOUS
WINDOW

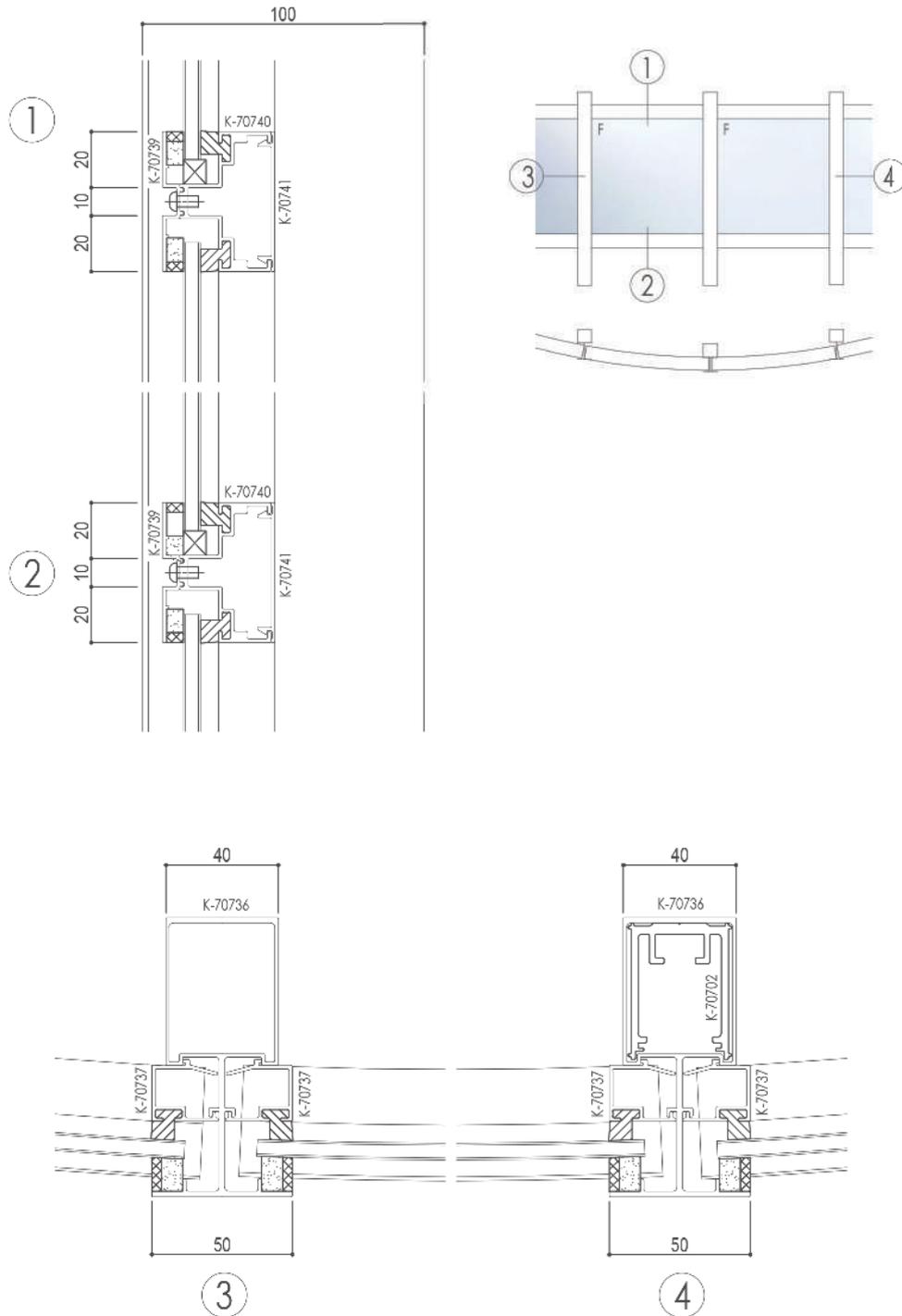
YCR

YCB

SPANDREL
& CEILINGROLLING
SHUTTERGENERAL
SHAPE

3.1. YCR

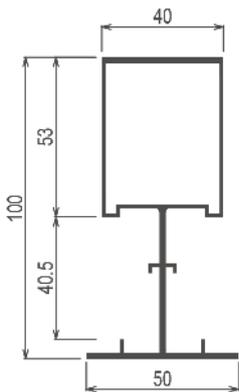
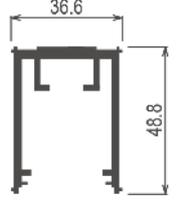
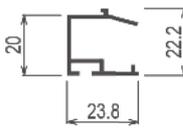
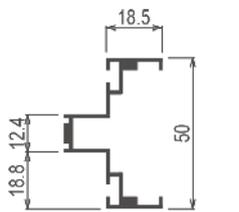
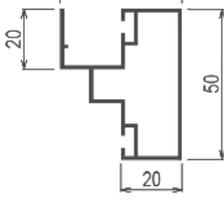
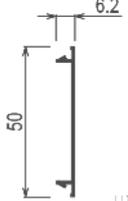
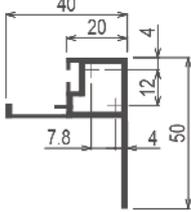
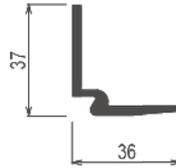
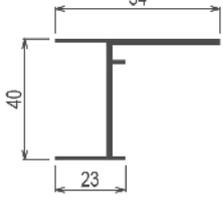
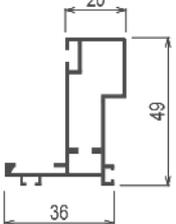
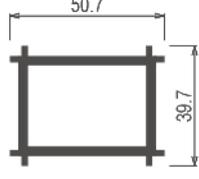
SCALE 1:2.5



PROFILE LIST

SCALE 1:2.5

CURTAIN WALL YCR

<p>K-70735</p> <p>WEIGHT : 1.290 kg/m COAT PERIMETER : 197 mm THICKNESS : 1.20 mm</p>  <p>MULLION</p>	<p>K-70702</p> <p>WEIGHT : 1.138 kg/m COAT PERIMETER : 0 mm THICKNESS : 2.50 mm</p>  <p>JOINT SLEEVE</p>	<p>K-70737</p> <p>WEIGHT : 0.262 kg/m COAT PERIMETER : 26 mm THICKNESS : 1.20 mm</p>  <p>BEAD</p>
<p>K-70733</p> <p>WEIGHT : 0.141 kg/m COAT PERIMETER : 20 mm THICKNESS : 1.20 mm</p>  <p>BEAD</p>	<p>K-70740</p> <p>WEIGHT : 0.556 kg/m COAT PERIMETER : 37 mm THICKNESS : 1.20 mm</p>  <p>TRANSOM</p>	<p>K-70732</p> <p>WEIGHT : 0.589 kg/m COAT PERIMETER : 111 mm THICKNESS : 1.20 mm</p>  <p>TRANSOM</p>
<p>K-70741</p> <p>WEIGHT : 0.202 kg/m COAT PERIMETER : 50 mm THICKNESS : 1.20 mm</p>  <p>TRANSOM COVER</p>	<p>K-70754</p> <p>WEIGHT : 0.744 kg/m COAT PERIMETER : 145 mm THICKNESS : 2.00 mm</p>  <p>TRANSOM</p>	<p>K-70735</p> <p>WEIGHT : 0.145 kg/m COAT PERIMETER : 16 mm THICKNESS : 1.20 mm</p>  <p>TRANSOM BEAD</p>
<p>K-70738</p> <p>WEIGHT : 0.540 kg/m COAT PERIMETER : 127 mm THICKNESS : 1.20 mm</p>  <p>JAMB</p>	<p>K-70710</p> <p>WEIGHT : 0.639 kg/m COAT PERIMETER : 41 mm THICKNESS : 1.20 mm</p>  <p>WINDOW FRAME</p>	<p>K-76831</p> <p>WEIGHT : 1.305 kg/m COAT PERIMETER : 0 mm THICKNESS : 3.00 mm</p>  <p>JOINT SLEEVE</p>

FIX

TOP HUNG,
CASEMENT

SLIDING

LOUVER

BUTT
HINGE
DOORFLOOR
HINGE
DOORSEMI
FRAMELESS
DOOR

SLIDING

STEP
WINDOWCONTINUOUS
WINDOW

YCR

YCB

SPANDREL
& CEILINGROLLING
SHUTTERGENERAL
SHAPE

PROFILE LIST

SCALE 1:2.5

CURTAIN WALL YCR

	<p><-76834</p> <p>WEIGHT : 3.159 kg/m COAT PERIMETER : 244 mm THICKNESS : 4.00 mm</p> <p>MULLION</p>	<p><-76842</p> <p>WEIGHT : 3.704 kg/m COAT PERIMETER : 304 mm THICKNESS : 4.00 mm</p> <p>MULLION</p>	<p><-76837</p> <p>WEIGHT : 0.515 kg/m COAT PERIMETER : 43 mm THICKNESS : 1.50 mm</p> <p>CLASS BEAD</p>
	<p>K-76836</p> <p>WEIGHT : 1.394 kg/m COAT PERIMETER : 170 mm THICKNESS : 1.80 mm</p> <p>TRANSOM</p>	<p>K-96127</p> <p>WEIGHT : 0.349 kg/m COAT PERIMETER : 20 mm THICKNESS : 2.00 mm</p> <p>CLASS BEAD</p>	<p>K-76835</p> <p>WEIGHT : 1.681 kg/m COAT PERIMETER : 203 mm THICKNESS : 1.80 mm</p> <p>TRANSOM</p>
		<p><-70701</p> <p>WEIGHT : 0.354 kg/m COAT PERIMETER : 78 mm THICKNESS : 1.50 mm</p> <p>WINDOW STOOL</p>	

3.2. YCB



Curtain wall systems cover a building with glass and aluminum to protect the interior from the elements and create a safe and comfortable work environment for the building occupants.

This frame is made of aluminum which is then attached to the brackets to each floor structure, columns and building beams.

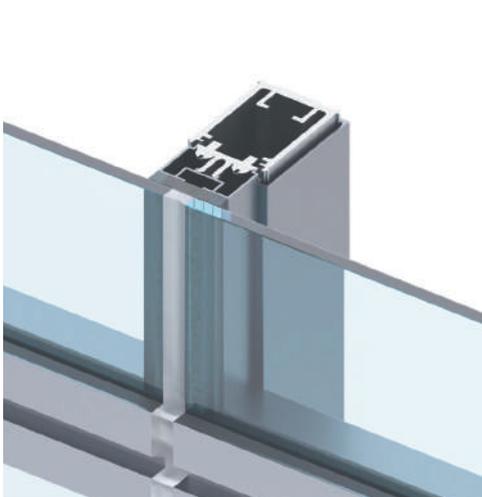
Transom is visible from outside while mullion covers by the glass.



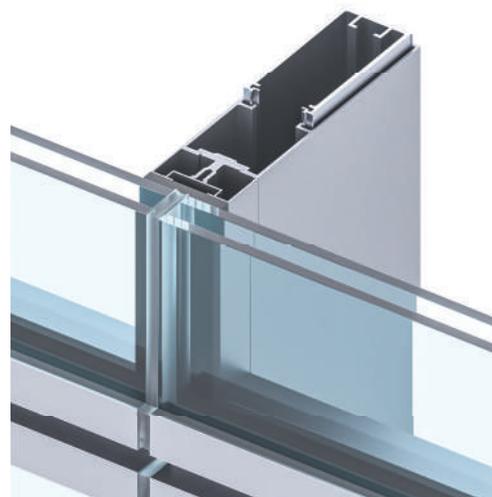
YCB - Single glass



YCB - Double glass



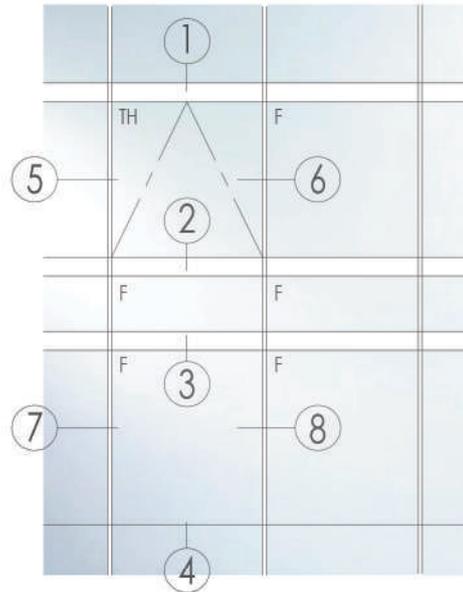
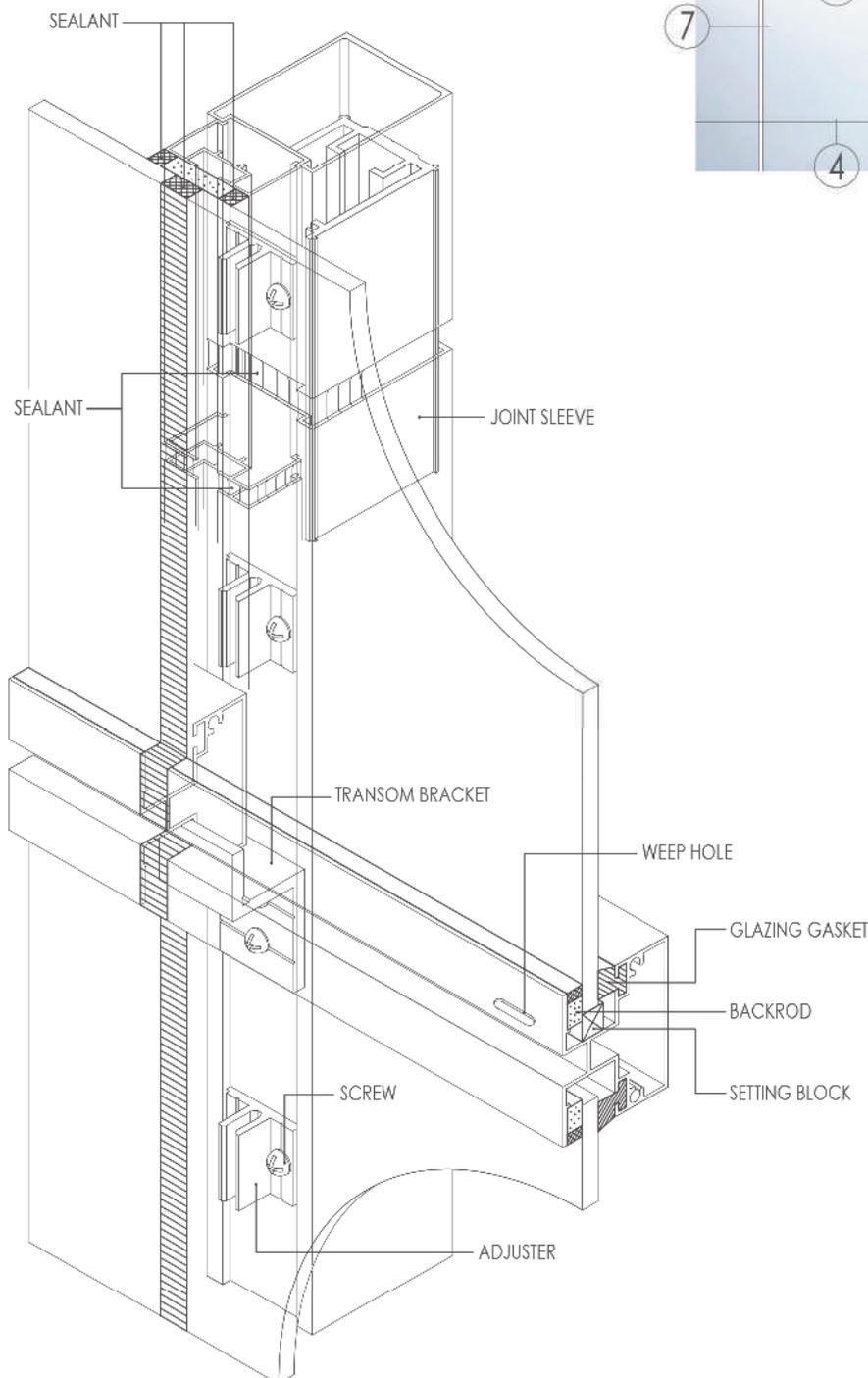
YCB - Single glass



YCB - Double glass

3.2. YCB Single Glass

SCALE 1:2



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

FIX

TOP HUNG,
CASEMENT

SLIDING

LOUVER

BUTT
HINGE
DOORFLOOR
HINGE
DOORSEMI
FRAMELESS
DOOR

SLIDING

STEP
WINDOWCONTINUOUS
WINDOW

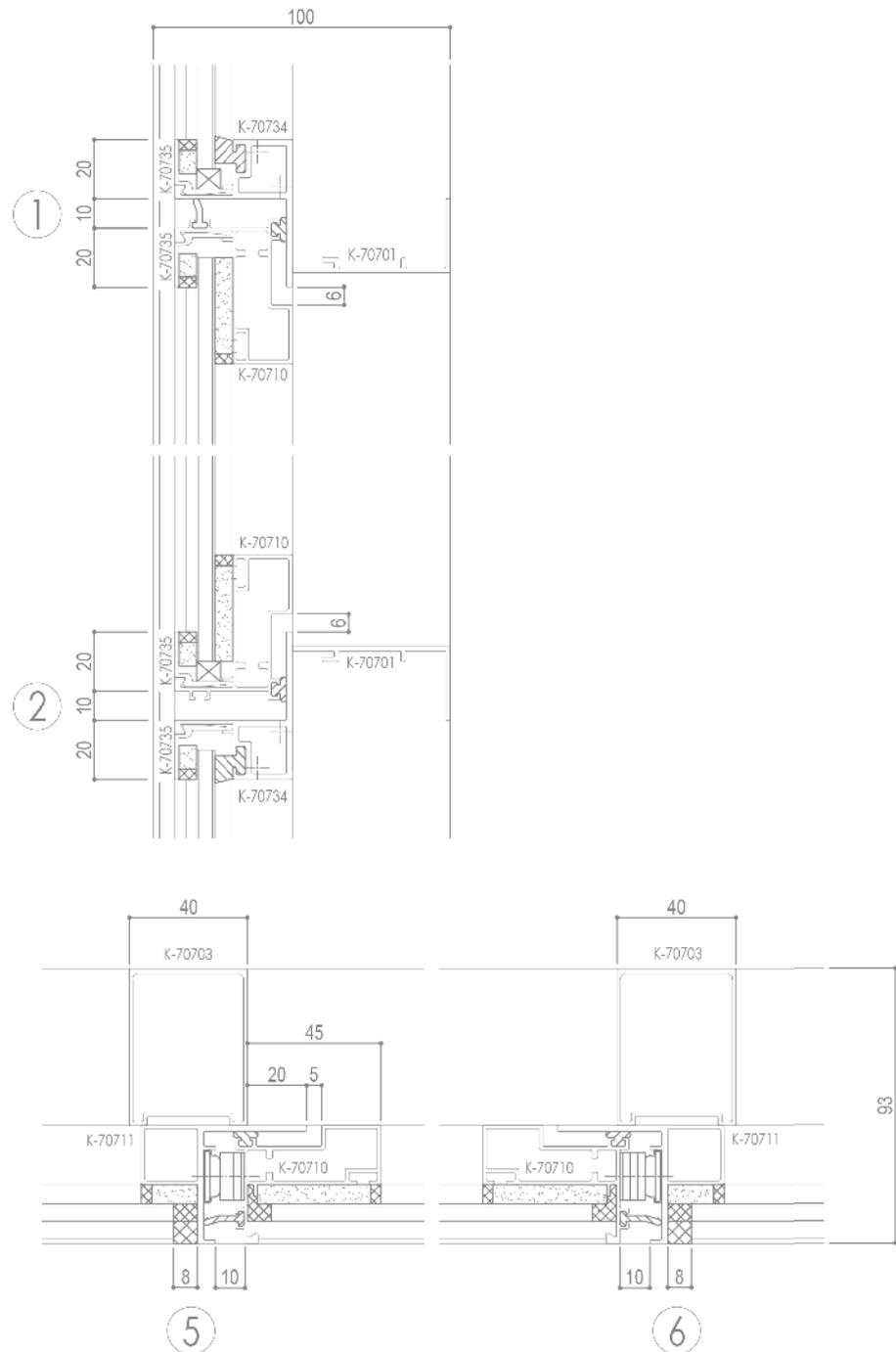
YCR

YCB

SPANDREL
& CEILINGROLLING
SHUTTERGENERAL
SHAPE

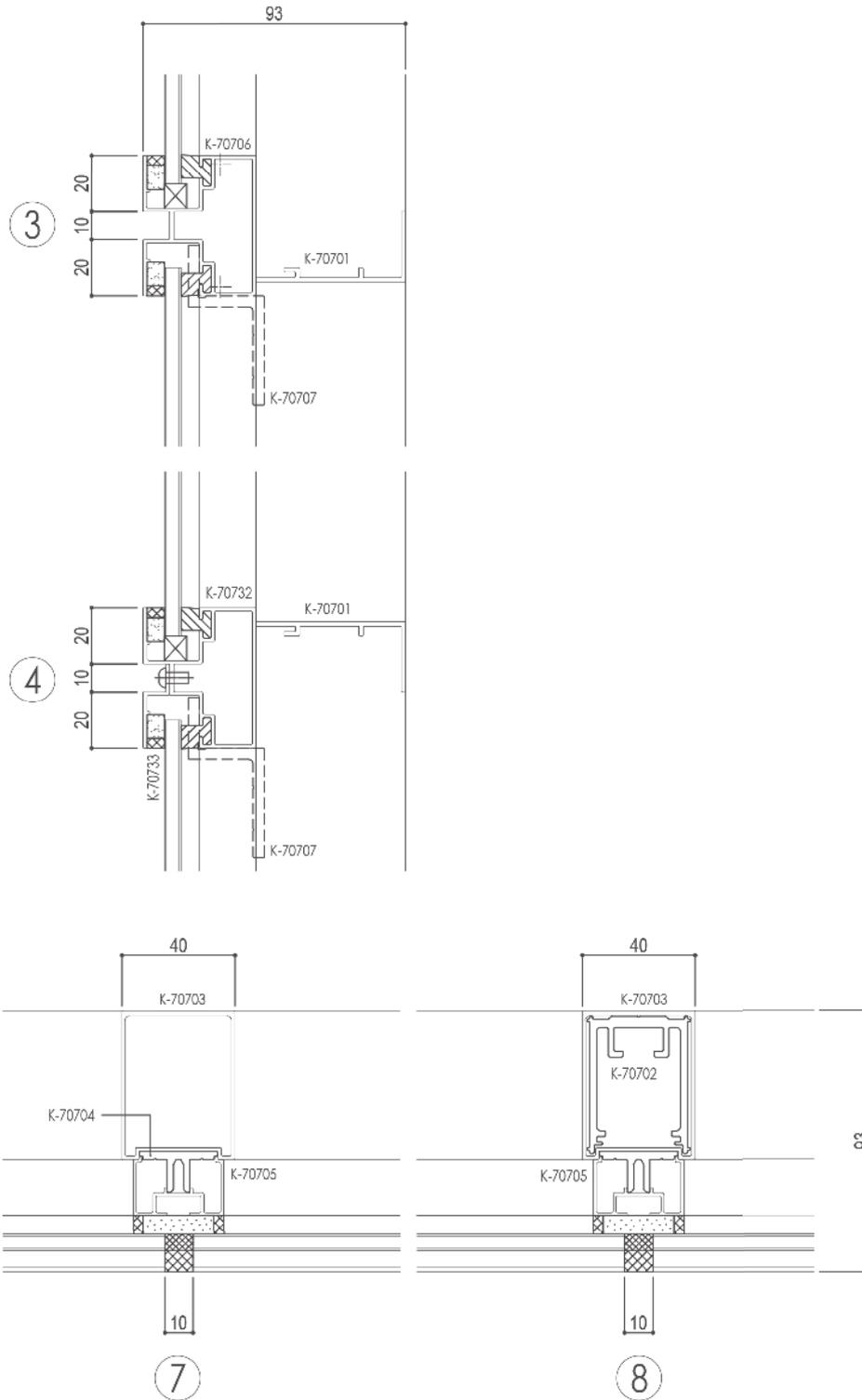
3.2. YCB Single Glass

SCALE 1:2.5



3.2. YCB Single Glass

SCALE 1:2.5



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

PROFILE LIST

SCALE 1:2.5

CURTAIN WALL YCB

	<p>K-70703</p> <p>WEIGHT : 0.690 kg/m COAT PERIMETER : 147 mm THICKNESS : 1.20 mm</p> <p>MULLION</p>	<p>K-70702</p> <p>WEIGHT : 1.138 kg/m COAT PERIMETER : 0 mm THICKNESS : 2.50 mm</p> <p>JOINT SLEEVE</p>	<p>K-66142</p> <p>WEIGHT : 1.612 kg/m COAT PERIMETER : 251 mm THICKNESS : 2.00 mm</p> <p>MULLION</p>
	<p>9K-99760</p> <p>WEIGHT : 1.857 kg/m COAT PERIMETER : 0 mm THICKNESS : 2.50 mm</p> <p>MULLION BEAD</p>	<p>K-70705</p> <p>WEIGHT : 0.276 kg/m COAT PERIMETER : 39 mm THICKNESS : 1.00 mm</p> <p>MULLION BEAD</p>	
		<p>K-70704</p> <p>WEIGHT : 0.357 kg/m COAT PERIMETER : 0 mm THICKNESS : 3.00 mm</p> <p>ACCESSORIES MULLION BEAD</p>	<p>K-70707</p> <p>WEIGHT : 0.857 kg/m COAT PERIMETER : 0 mm THICKNESS : 4.00 mm</p> <p>TRANSOM BRACKET</p>
	<p>K-70706</p> <p>WEIGHT : 0.844 kg/m COAT PERIMETER : 159 mm THICKNESS : 40 : 1.20 mm</p> <p>TRANSOM</p>	<p>K-70732</p> <p>WEIGHT : 0.689 kg/m COAT PERIMETER : 111 mm THICKNESS : 1.20 mm</p> <p>TRANSOM</p>	<p>K-70733</p> <p>WEIGHT : 0.141 kg/m COAT PERIMETER : 20 mm THICKNESS : 1.20 mm</p> <p>BEAD</p>
	<p>K-70734</p> <p>WEIGHT : 0.744 kg/m COAT PERIMETER : 145 mm THICKNESS : 2.00 mm</p> <p>TRANSOM</p>	<p>K-70735</p> <p>WEIGHT : 0.145 kg/m COAT PERIMETER : 16 mm THICKNESS : 1.20 mm</p> <p>TRANSOM BEAD</p>	<p>K-70711</p> <p>WEIGHT : 0.611 kg/m COAT PERIMETER : 166.99 mm THICKNESS : 2.00 mm</p> <p>JAMB</p>

PROFILE LIST

SCALE 1:2.5

FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

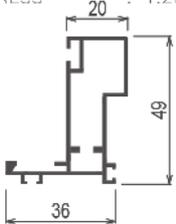
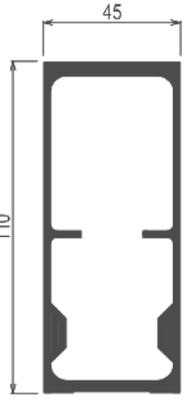
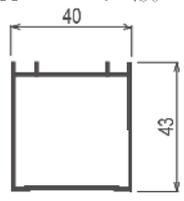
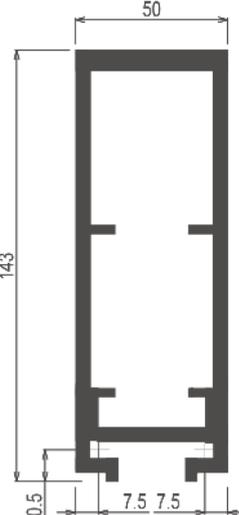
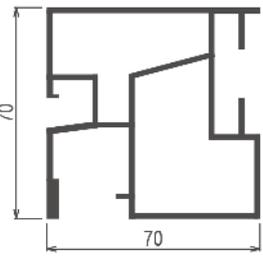
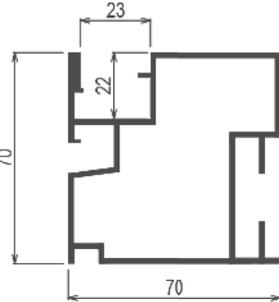
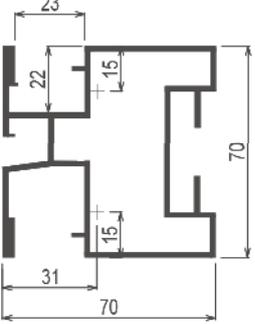
YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

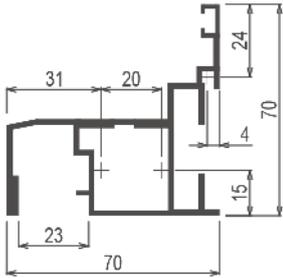
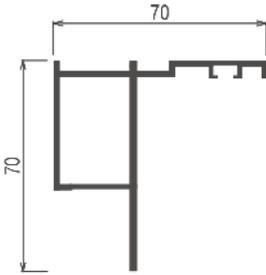
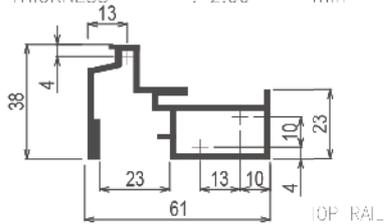
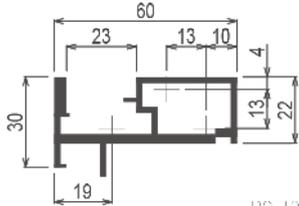
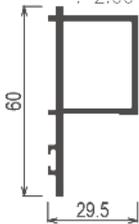
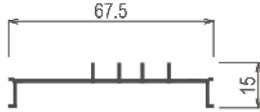
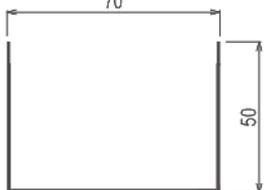
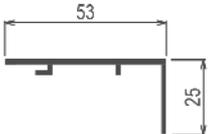
CURTAIN WALL YCB

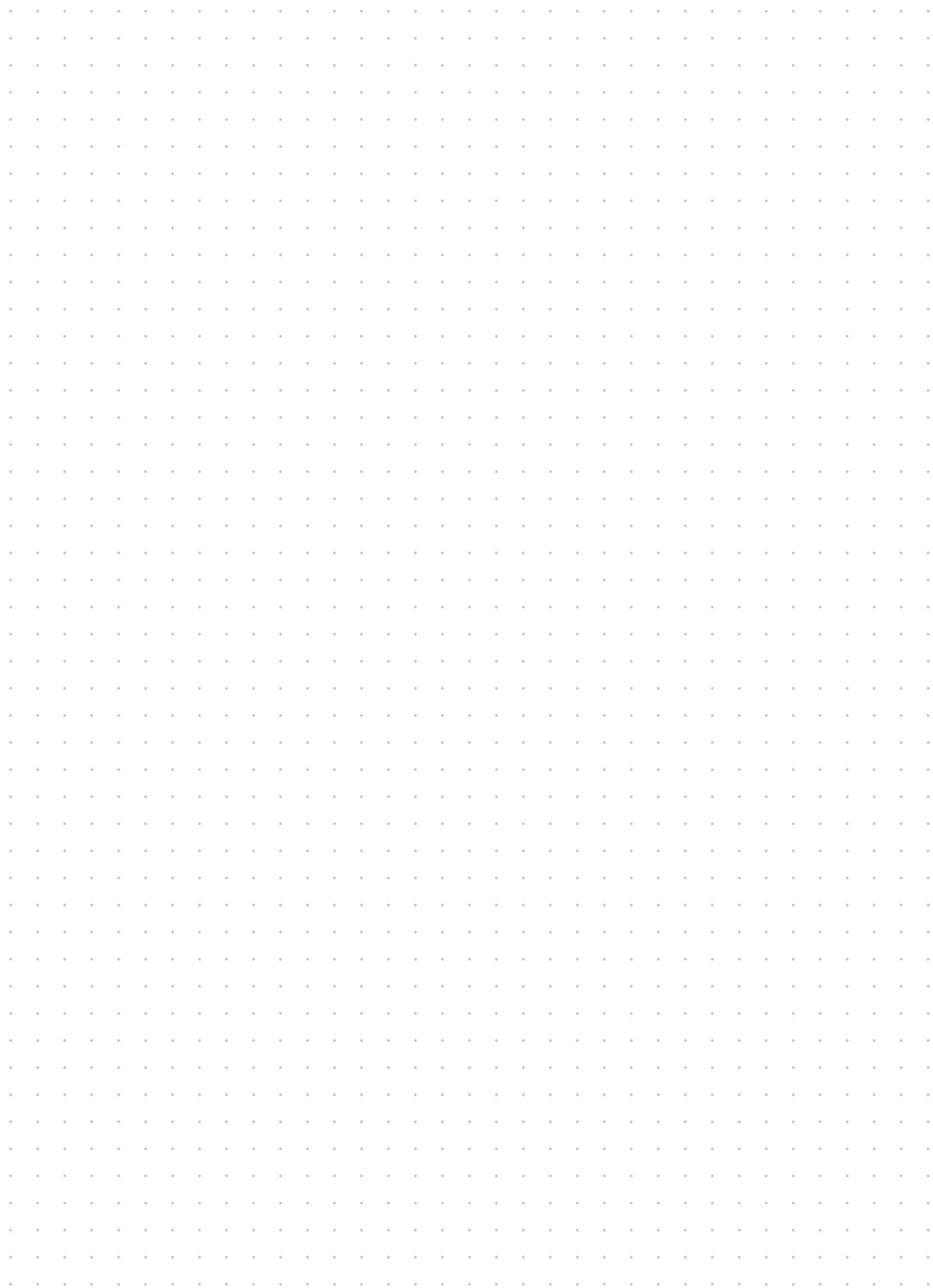
<p>K-7070</p> <p>WEIGHT : 0.639 kg/m COAT PERIMETER : 41 mm THICKNESS : 1.20 mm</p>  <p>WINDOW FRAME</p>	<p>K-76850</p> <p>WEIGHT : 3.080 kg/m COAT PER METER : 265 mm THICKNESS : 2.50 mm</p>  <p>MULLION</p>	<p>9K-90137</p> <p>WEIGHT : 0.679 kg/m COAT PERIMETER : 86 mm THICKNESS : 1.50 mm</p>  <p>ATTACHMENT</p>
<p>K-76827</p> <p>WEIGHT : 5.850 kg/m COAT PERIMETER : 349 mm THICKNESS : 5.00 mm</p>  <p>MULLION</p>	<p>K-70791</p> <p>WEIGHT : 2.105 kg/m COAT PERIMETER : 236 mm THICKNESS : 1.80 mm</p>  <p>TRANSOM</p>	<p>K-70790</p> <p>WEIGHT : 1.885 kg/m COAT PERIMETER : 186 mm THICKNESS : 1.80 mm</p>  <p>TRANSOM</p>
<p>K-76823</p> <p>WEIGHT : 2.186 kg/m COAT PERIMETER : 214 mm THICKNESS : 1.80 mm</p>  <p>TRANSOM</p>	<p>K-76825</p> <p>WEIGHT : 1.702 kg/m COAT PERIMETER : 203 mm THICKNESS : 1.80 mm</p>  <p>TRANSOM</p>	

PROFILE LIST

SCALE 1:2.5

CURTAIN WALL YCB

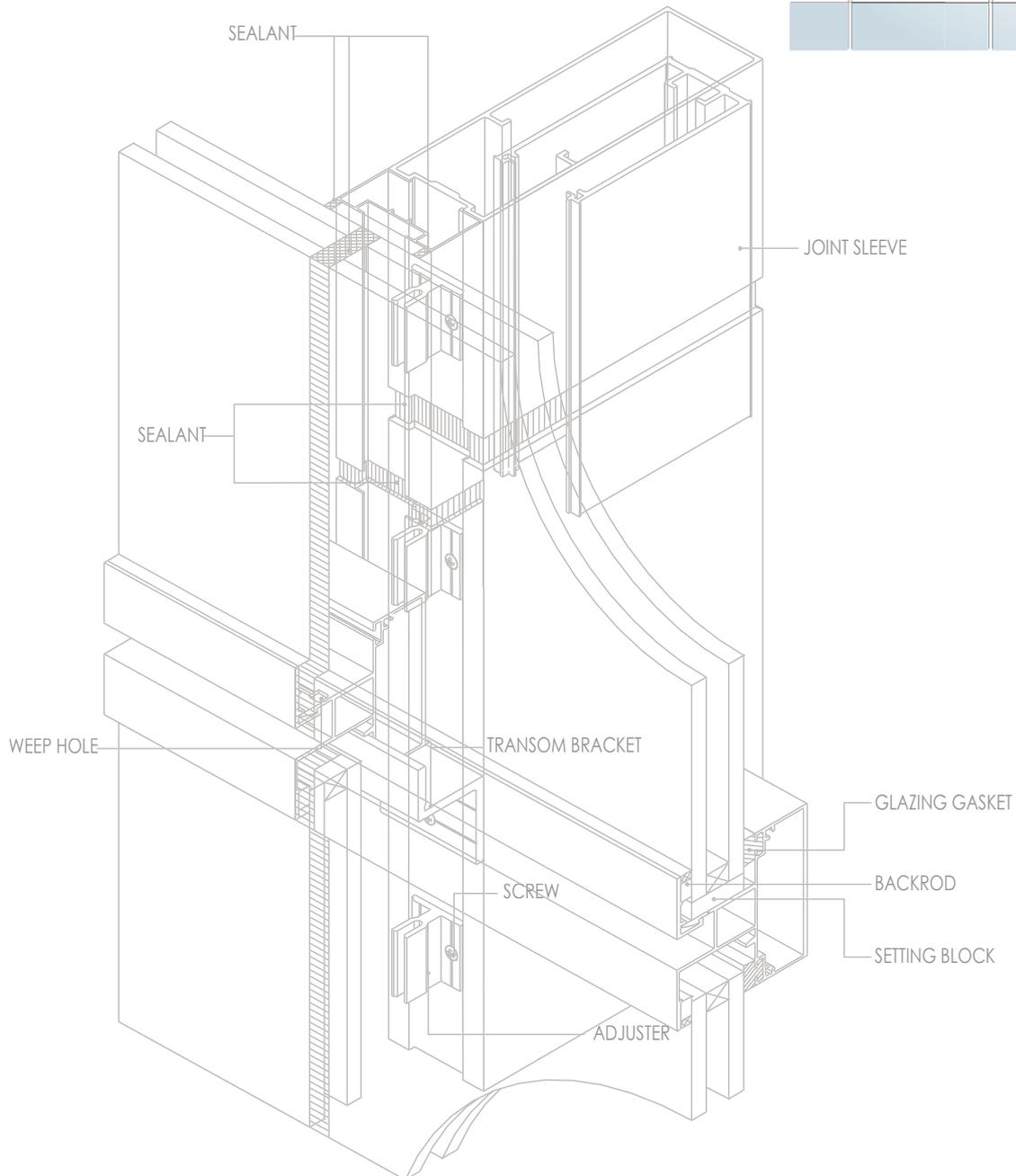
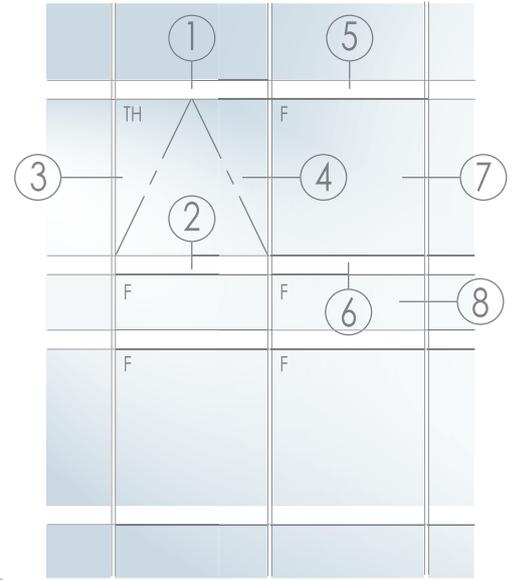
	K-76826	K-/6827	K-76828
SLIDING	WEIGHT : 1.650 kg/m COAT PERIMETER : 166 mm THICKNESS : 1.80 mm	WEIGHT : 1.233 kg/m COAT PERIMETER : 80 mm THICKNESS : 2.00 mm	WEIGHT : 1.236 kg/m COAT PERIMETER : 106 mm THICKNESS : 2.00 mm
LOUVER			
BUTT HINGE DOOR			
FLOOR HINGE DOOR			
SEMI FRAMELESS DOOR			
SLIDING	TRANSOM	JAMB	BO TOM RAIL
	K 76830	9K 90148	9K 90149
STEP WINDOW	WEIGHT : 0.859 kg/m COAT PERIMETER : 113 mm THICKNESS : 2.00 mm	WEIGHT : 0.352 kg/m COAT PERIMETER : 0 mm THICKNESS : 1.20 mm	WEIGHT : 0.545 kg/m COAT PERIMETER : 170 mm THICKNESS : 1.20 mm
CONTINUOUS WINDOW			
YCB	K-70701		
YCB	WEIGHT : 0.354 kg/m COAT PERIMETER : 78 mm THICKNESS : 1.50 mm		
SPANDREL & CEILING			



3.2. YCB Double Glass

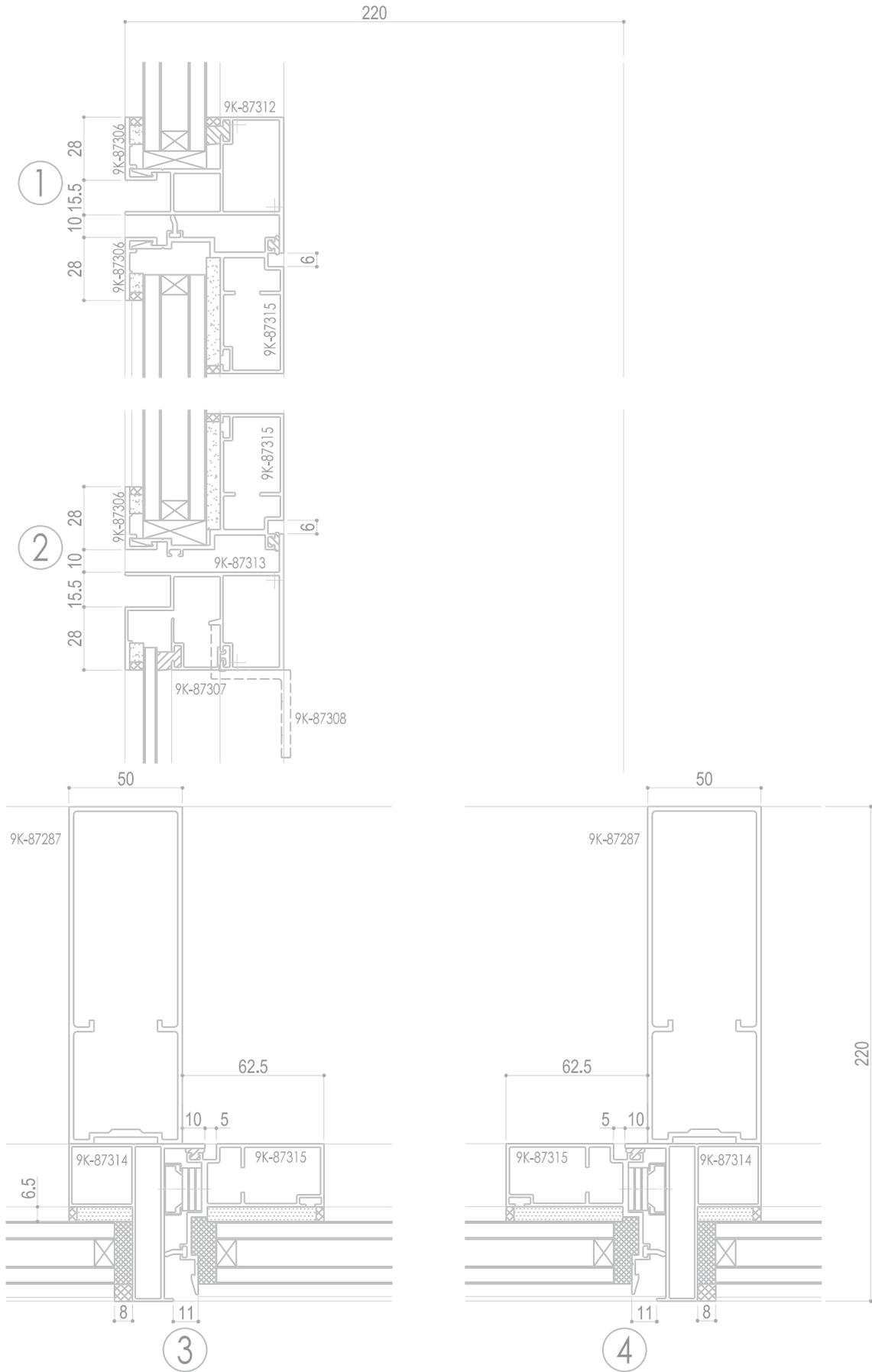
SCALE 1:2

- FIX
- TOP HUNG, CASEMENT
- SLIDING
- LOUVER
- BUTT HINGE DOOR
- FLOOR HINGE DOOR
- SEMI FRAMELESS DOOR
- SLIDING
- STEP WINDOW
- CONTINUOUS WINDOW
- YCR
- YCB**
- SPANDREL & CEILING
- ROLLING SHUTTER
- GENERAL SHAPE



3.2. YCB Double Glass

SCALE 1:2.5

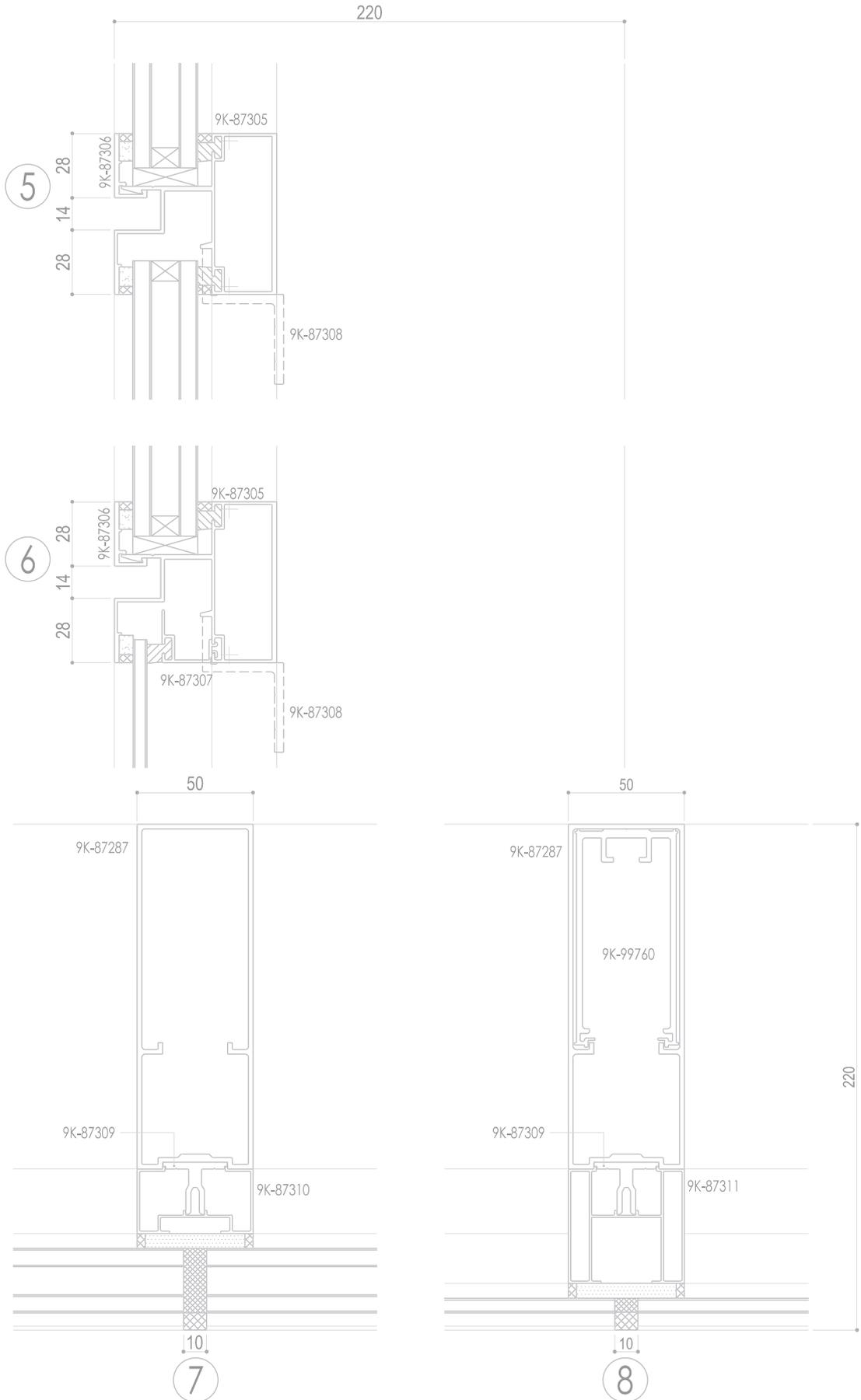


- FIX
- TOP HUNG, CASEMENT
- SLIDING
- LOUVER
- BUTT HINGE DOOR
- FLOOR HINGE DOOR
- SEMI FRAMELESS DOOR
- SLIDING
- STEP WINDOW
- CONTINUOUS WINDOW
- YCR
- YCB**
- SPANDREL & CEILING
- ROLLING SHUTTER
- GENERAL SHAPE

3.2. YCB Double Glass

SCALE 1:2.5

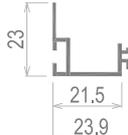
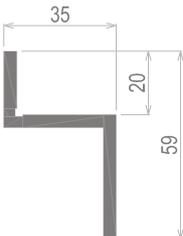
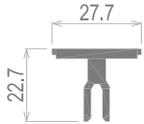
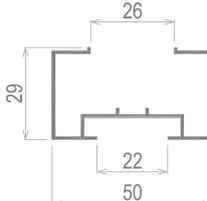
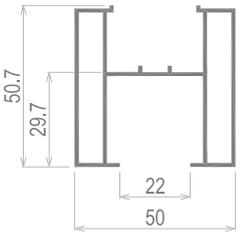
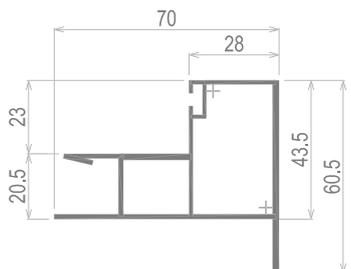
- FIX
- TOP HUNG, CASEMENT
- SLIDING
- LOUVER
- BUTT HINGE DOOR
- FLOOR HINGE DOOR
- SEMI FRAMELESS DOOR
- SLIDING
- STEP WINDOW
- CONTINUOUS WINDOW
- YCR
- YCB
- SPANDREL & CEILING
- ROLLING SHUTTER
- GENERAL SHAPE



PROFILE LIST

SCALE 1:2.5

CURTAIN WALL YCB

<p>9K-87305</p> <p>WEIGHT : 1.447 kg/m COAT PERIMETER : 194 mm THICKNESS : 1.50 mm</p>  <p>TRANSOM</p>	<p>9K-87306</p> <p>WEIGHT : 0.226 kg/m COAT PERIMETER : 43 mm THICKNESS : 2.00 mm</p>  <p>GLASS STOP/BEADING</p>	<p>9K-87307</p> <p>WEIGHT : 0.214 kg/m COAT PERIMETER : 22 mm THICKNESS : 1.20 mm</p>  <p>GLASS STOP/BEADING</p>
<p>9K-87308</p> <p>WEIGHT : 0.965 kg/m COAT PERIMETER : - mm THICKNESS : 4.00 mm</p>  <p>BRACKET FOR TRANSOM</p>	<p>9K-87309</p> <p>WEIGHT : 0.477 kg/m COAT PERIMETER : - mm THICKNESS : 2.20 mm</p>  <p>BASE FOR MULLION</p>	<p>9K-87310</p> <p>WEIGHT : 0.416 kg/m COAT PERIMETER : 57 mm THICKNESS : 1.00 mm</p>  <p>COVER FOR MULLION</p>
<p>9K-87311</p> <p>WEIGHT : 0.896 kg/m COAT PERIMETER : 101 mm THICKNESS : 1.20 mm</p>  <p>COVER FOR MULLION</p>	<p>9K-87312</p> <p>WEIGHT : 1.168 kg/m COAT PERIMETER : 213 mm THICKNESS : 2.00 mm</p>  <p>FRAME</p>	<p>9K-87313</p> <p>WEIGHT : 1.213 kg/m COAT PERIMETER : 240 mm THICKNESS : 1.50 mm</p>  <p>FRAME</p>

FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

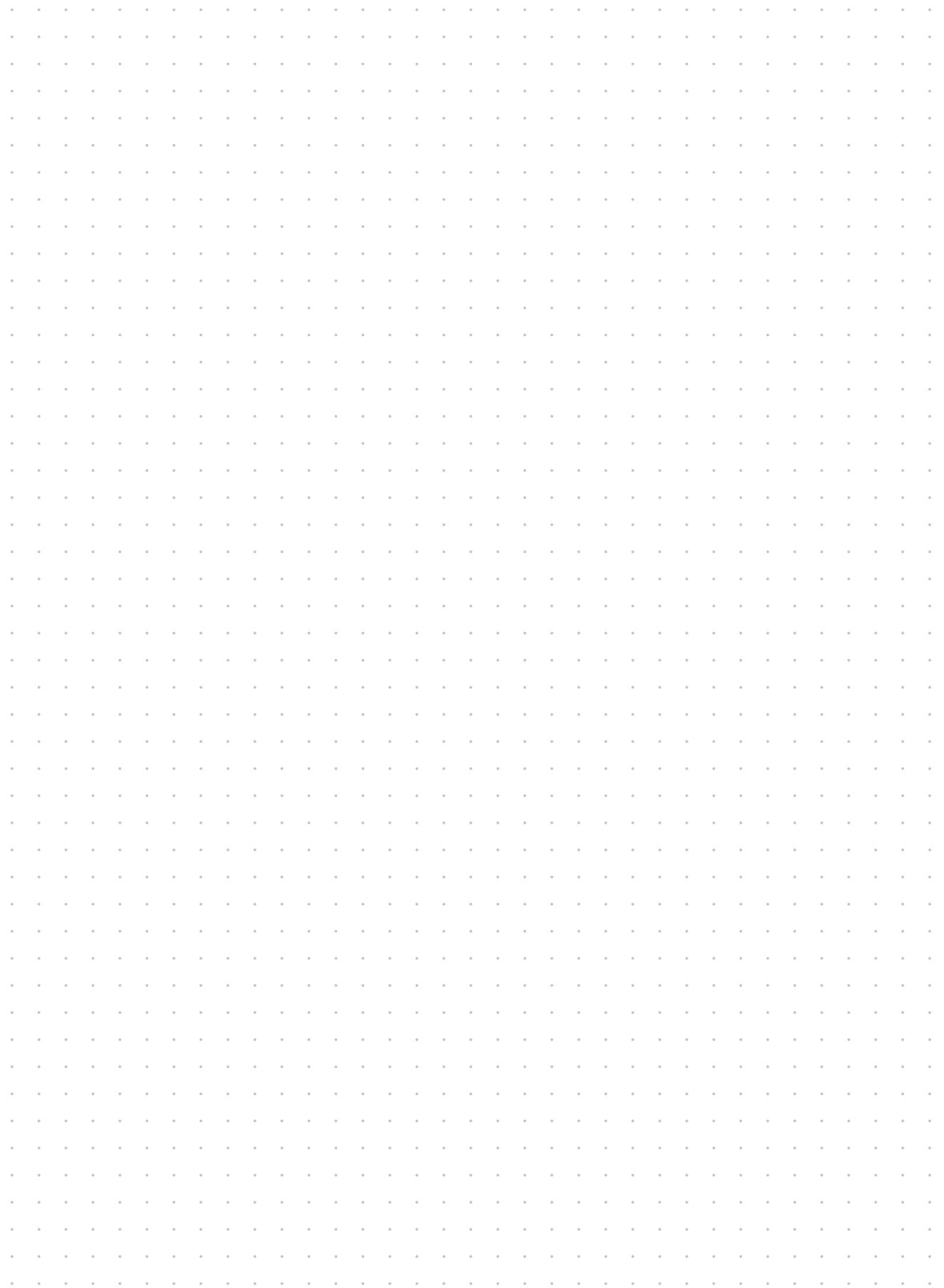
GENERAL SHAPE

PROFILE LIST

SCALE 1:2.5

CURTAIN WALL YCB

	9K-87314	9K-87287
WEIGHT	: 1.070 kg/m	: 2.341 kg/m
COAT PERIMETER	: 155 mm	: 350 mm
THICKNESS	: 1.20 mm	: 2.00 mm
	<p>JAMB</p>	<p>MULLION</p>
	9K-87315	
WEIGHT	: 1.095 kg/m	
COAT PERIMETER	: 160 mm	
THICKNESS	: 1.50 mm	
	<p>FRAME</p>	



4. SPANDREL & CEILING

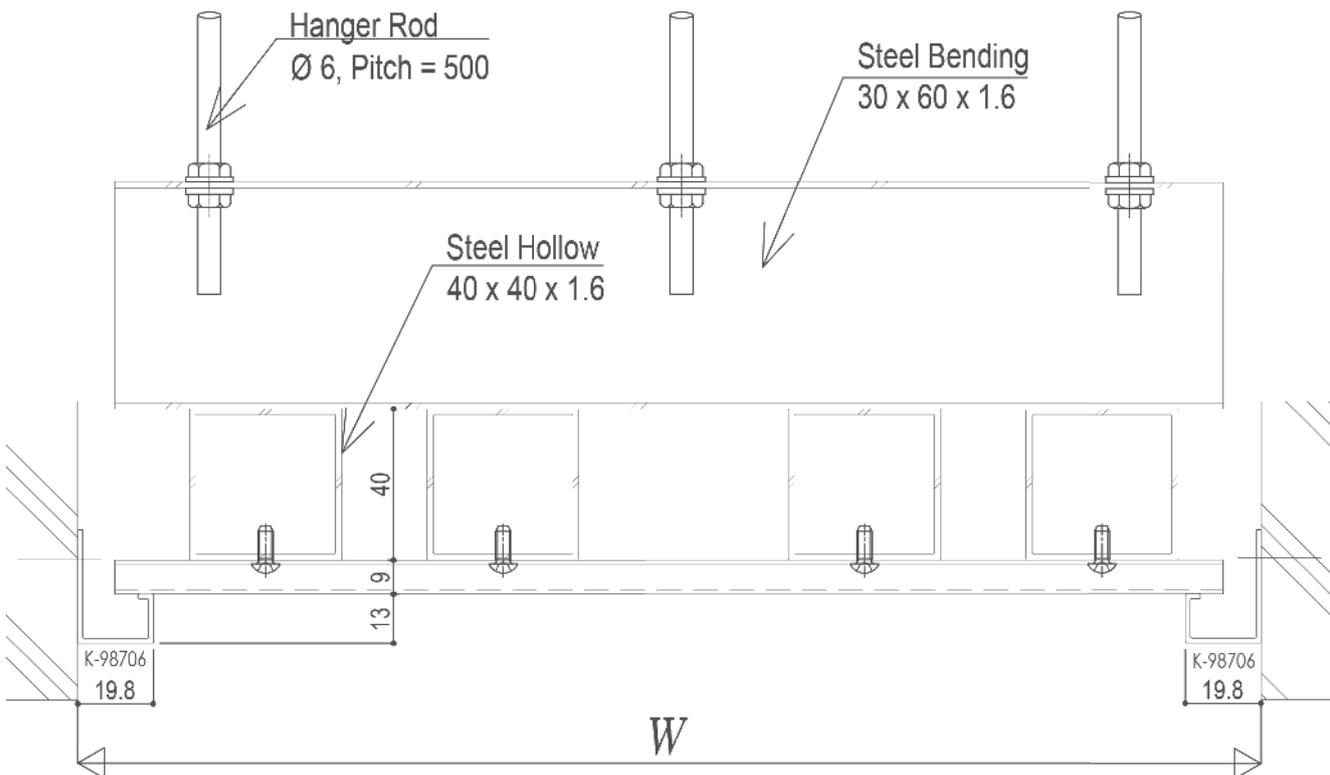
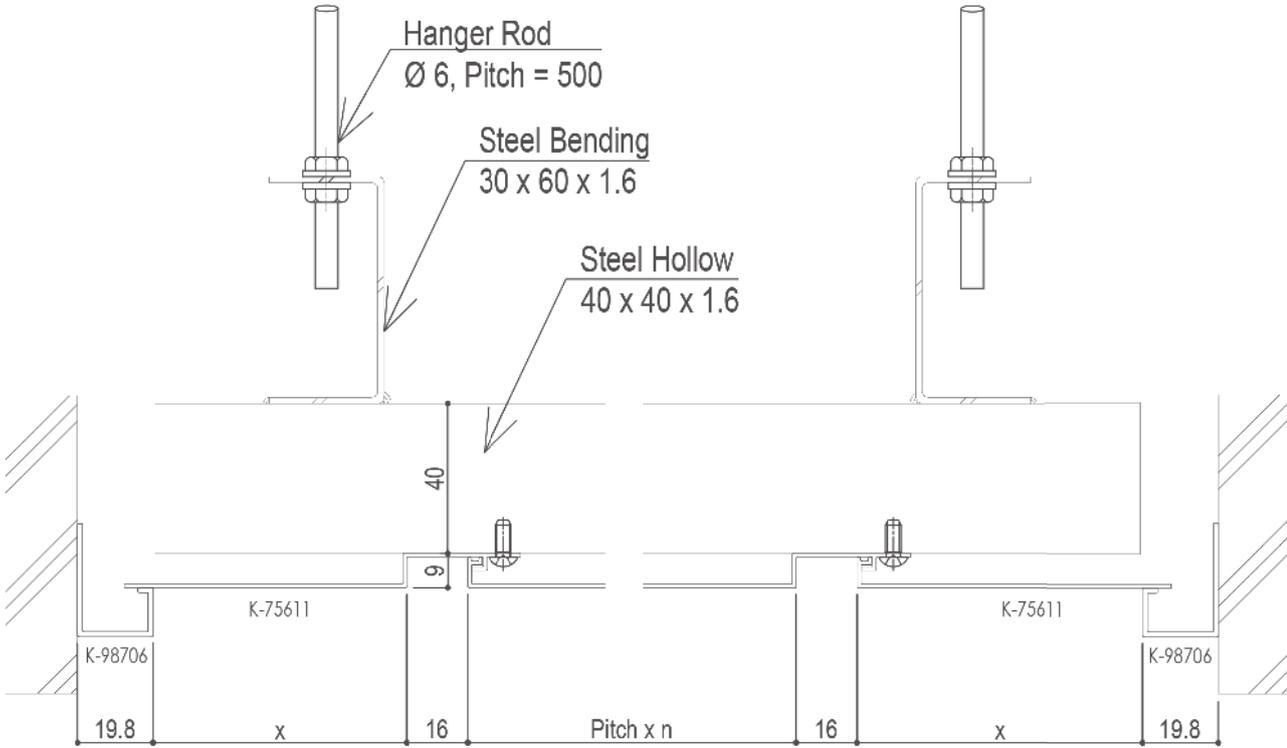
Spandrel Ceiling has a functional beauty for a perfect finish on eaves or ceilings. The primary purpose of the spandrel is both for aesthetic and functional aspects of the ceiling system.

It is easy to clean and install as it's lightweight. Aluminum material makes it more durable and resistant to moisture. Various colors can be chosen according to the design.



4. SPANDREL & CEILING

SCALE 1:2



FIX

TOP HUNG, CASEMENT

SLIDING

LOUVER

BUTT HINGE DOOR

FLOOR HINGE DOOR

SEMI FRAMELESS DOOR

SLIDING

STEP WINDOW

CONTINUOUS WINDOW

YCR

YCB

SPANDREL & CEILING

ROLLING SHUTTER

GENERAL SHAPE

FIX

TOP HUNG,
CASEMENT

SLIDING

LOUVER

BUTT
HINGE
DOORFLOOR
HINGE
DOORSEMI
FRAMELESS
DOOR

SLIDING

STEP
WINDOWCONTINUOUS
WINDOW

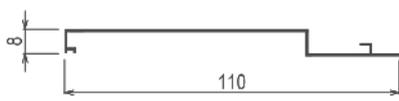
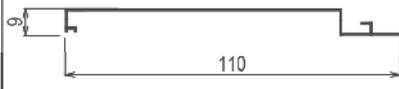
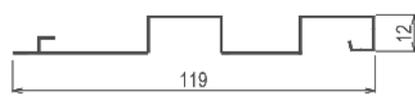
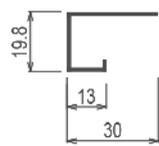
YCR

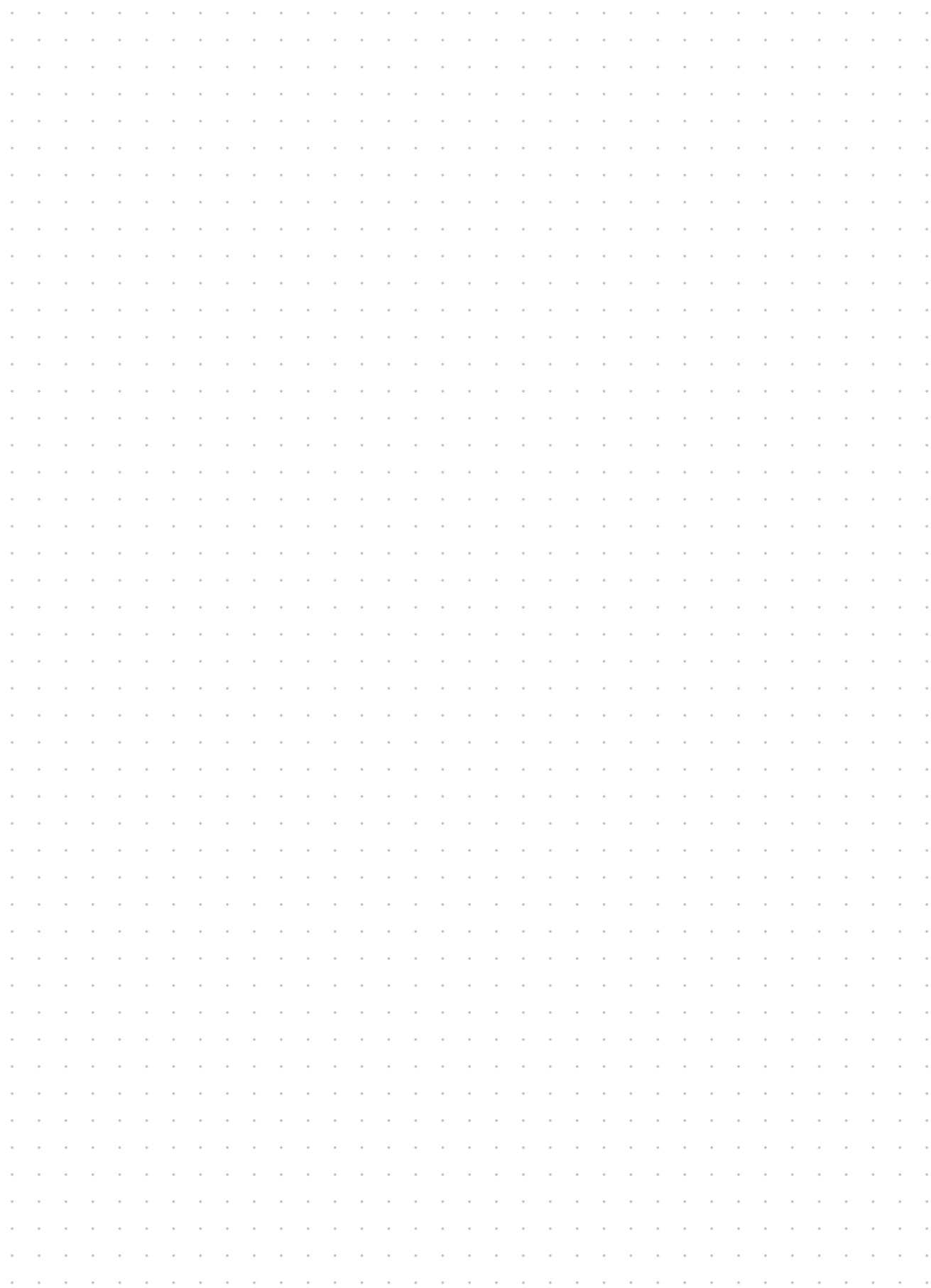
YCB

SPANDREL
& CEILINGROLLING
SHUTTERGENERAL
SHAPE

PROFILE LIST

SPRANDEL & CEILING

	K /5611	9K-99588
WEIGHT	: 0.364 kg/m	: 0.364 kg/m
COAT PERIMETER	: 116 mm	: 116 mm
THICKNESS	: 1.00 mm	: 1.00 mm
		
	<-98703	< 98706
WEIGHT	: 0.499 kg/m	: 0.221 kg/m
COAT PERIMETER	: - mm	: 70 mm
THICKNESS	: 1.00 mm	: 1.30 mm
		



FIX

5.1 ROLLING SHUTTER

SCALE 1:2.5

TOP HUNG,
CASEMENT

SLIDING

LOUVER

BUTT
HINGE
DOORFLOOR
HINGE
DOORSEMI
FRAMELESS
DOOR

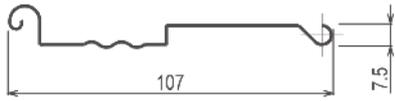
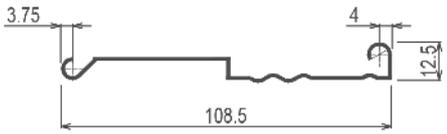
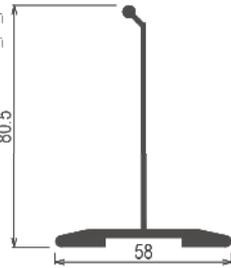
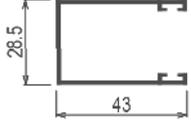
SLIDING

STEP
WINDOWCONTINUOUS
WINDOW

YCR

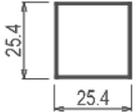
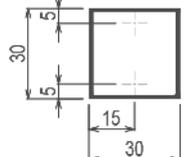
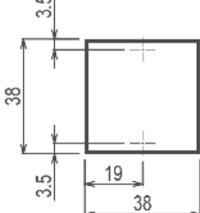
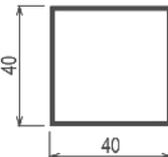
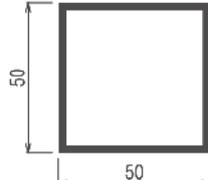
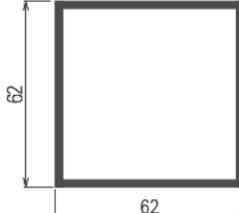
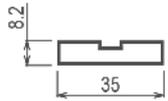
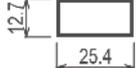
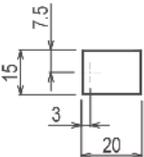
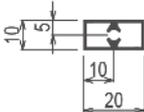
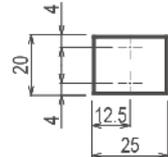
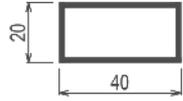
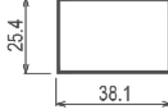
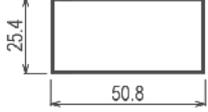
YCB

SPANDREL
& CEILINGROLLING
SHUTTERGENERAL
SHAPE

	<p>9K-69731</p> <p>WEIGHT : 0.465 kg/m COAT PERIMETER : 289 mm THICKNESS : 1.20 mm</p> 	<p>9K-69732</p> <p>WEIGHT : 0.476 kg/m COAT PERIMETER : 292 mm THICKNESS : 1.20 mm</p> 
	<p>9K-99103</p> <p>WEIGHT : 1.042 kg/m COAT PERIMETER : 273 mm THICKNESS : 1.70 mm</p> 	<p>9K-99104</p> <p>WEIGHT : 0.496 kg/m COAT PERIMETER : 122 mm THICKNESS : 1.53 mm</p> 
	<p>9K-99107</p> <p>WEIGHT : 0.212 kg/m COAT PERIMETER : 118 mm THICKNESS : 1.00 mm</p> 	

5.2 GENERAL SHAPE

SCALE 1:2.5

<p>K-72728</p> <p>WEIGHT : 0.314 kg/m COAT PERIMETER : 102 mm THICKNESS : 1.20 mm</p> 	<p>9K-99335</p> <p>WEIGHT : 0.525 kg/m COAT PERIMETER : 120 mm THICKNESS : 1.20 mm</p> 	<p>9K-90363</p> <p>WEIGHT : 0.550 kg/m COAT PERIMETER : 152 mm THICKNESS : 1.20 mm</p> 
<p>K-76851</p> <p>WEIGHT : 0.624 kg/m COAT PERIMETER : 159 mm THICKNESS : 1.50 mm</p> 	<p>K-98609</p> <p>WEIGHT : 1.282 kg/m COAT PERIMETER : 0 mm THICKNESS : 2.50 mm</p> 	<p>K-76339</p> <p>WEIGHT : 1.607 kg/m COAT PERIMETER : 248 mm THICKNESS : 2.50 mm</p> 
<p>K-99568</p> <p>WEIGHT : 0.173 kg/m COAT PERIMETER : 68 mm THICKNESS : 1.00 mm</p> 	<p>K-92825</p> <p>WEIGHT : 0.246 kg/m COAT PERIMETER : 87 mm THICKNESS : 1.00 mm</p> 	<p>K-72727</p> <p>WEIGHT : 0.232 kg/m COAT PERIMETER : 76 mm THICKNESS : 1.20 mm</p> 
<p>K-85917</p> <p>WEIGHT : 0.195 kg/m COAT PERIMETER : 69 mm THICKNESS : 0.80 mm</p> 	<p>K-76947</p> <p>WEIGHT : 0.198 kg/m COAT PERIMETER : 59 mm THICKNESS : 1.00 mm</p> 	<p>9K-90452</p> <p>WEIGHT : 0.364 kg/m COAT PERIMETER : 90 mm THICKNESS : 1.20 mm</p> 
<p>K-98607</p> <p>WEIGHT : 0.548 kg/m COAT PERIMETER : 120 mm THICKNESS : 1.80 mm</p> 	<p>K-72729</p> <p>WEIGHT : 0.396 kg/m COAT PERIMETER : 127 mm THICKNESS : 1.20 mm</p> 	<p>K-72730</p> <p>WEIGHT : 0.479 kg/m COAT PERIMETER : 152 mm THICKNESS : 1.20 mm</p> 

FIX

TOP HUNG,
CASEMENT

SLIDING

LOUVER

BUTT
HINGE
DOORFLOOR
HINGE
DOORSEMI
FRAMELESS
DOOR

SLIDING

STEP
WINDOWCONTINUOUS
WINDOW

YCR

YCB

SPANDREL
& CEILINGROLLING
SHUTTERGENERAL
SHAPE

5.2 GENERAL SHAPE

SCALE 1:2.5

FIX

TOP HUNG,
CASEMENT

SLIDING

LOUVER

BUTT
HINGE
DOORFLOOR
HINGE
DOORSEMI
FRAMELESS
DOOR

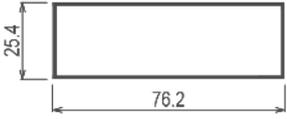
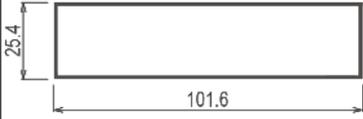
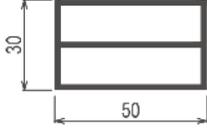
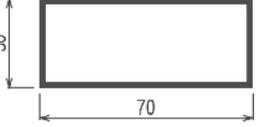
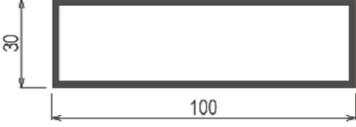
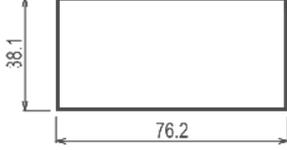
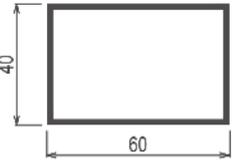
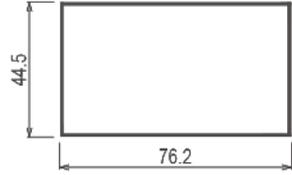
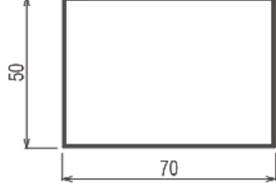
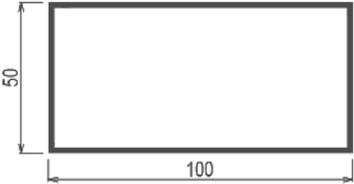
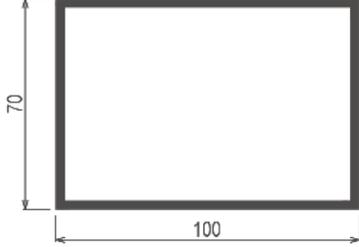
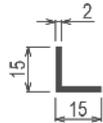
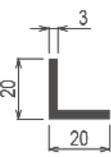
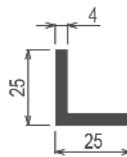
SLIDING

STEP
WINDOWCONTINUOUS
WINDOW

YCR

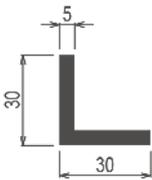
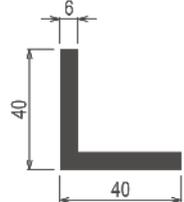
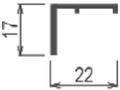
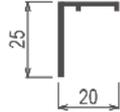
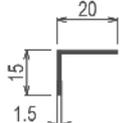
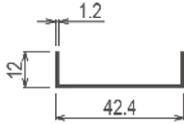
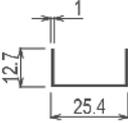
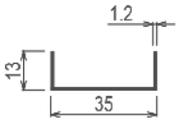
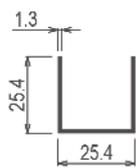
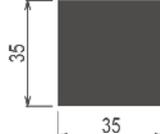
YCB

SPANDREL
& CEILINGROLLING
SHUTTERGENERAL
SHAPE

	<p>K-66532</p> <p>WEIGHT : 0.643 kg/m COAT PERIMETER : 203 mm THICKNESS : 1.20 mm</p> 	<p>K-66535</p> <p>WEIGHT : 0.807 kg/m COAT PERIMETER : 254 mm THICKNESS : 1.20 mm</p> 	<p>9K-98376</p> <p>WEIGHT : 1.067 kg/m COAT PERIMETER : 161 mm THICKNESS : 2.00 mm</p> 
	<p>K-98613</p> <p>WEIGHT : 1.037 kg/m COAT PERIMETER : 200 mm THICKNESS : 2.00 mm</p> 	<p>K-98617</p> <p>WEIGHT : 1.557 kg/m COAT PERIMETER : 260 mm THICKNESS : 2.30 mm</p> 	<p>K-66534</p> <p>WEIGHT : 0.725 kg/m COAT PERIMETER : 229 mm THICKNESS : 1.20 mm</p> 
	<p>K-98612</p> <p>WEIGHT : 1.037 kg/m COAT PERIMETER : 200 mm THICKNESS : 2.00 mm</p> 	<p>K-66535</p> <p>WEIGHT : 0.767 kg/m COAT PERIMETER : 241 mm THICKNESS : 1.20 mm</p> 	<p>9K-87208</p> <p>WEIGHT : 0.824 kg/m COAT PERIMETER : 239.5 mm THICKNESS : 1.30 mm</p> 
	<p>K-98618</p> <p>WEIGHT : 1.423 kg/m COAT PERIMETER : 300 mm THICKNESS : 1.80 mm</p> 	<p>K-98620</p> <p>WEIGHT : 2.657 kg/m COAT PERIMETER : 340 mm THICKNESS : 3.00 mm</p> 	<p>K-257</p> <p>WEIGHT : 0.151 kg/m COAT PERIMETER : 31 mm THICKNESS : 2.00 mm</p> 
	<p>9K-98421</p> <p>WEIGHT : 0.299 kg/m COAT PERIMETER : 0 mm THICKNESS : 3.00 mm</p> 		<p>9K-99678</p> <p>WEIGHT : 0.497 kg/m COAT PERIMETER : 100 mm THICKNESS : 4.00 mm</p> 

5.2 GENERAL SHAPE

SCALE 1:2.5

<p>9K-98422</p> <p>WEIGHT : 0.742 kg/m COAT PERIMETER : 0 mm THICKNESS : 5.00 mm</p> 	<p>9K-98423</p> <p>WEIGHT : 1.199 kg/m COAT PERIMETER : 0 mm THICKNESS : 6.00 mm</p> 	<p>K-99302</p> <p>WEIGHT : 0.166 kg/m COAT PERIMETER : 35 mm THICKNESS : 1.50 mm</p> 
<p>K 99310</p> <p>WEIGHT : 0.185 kg/m COAT PERIMETER : 39 mm THICKNESS : 1.50 mm</p> 	<p>K-99303</p> <p>WEIGHT : 0.220 kg/m COAT PERIMETER : 45 mm THICKNESS : 1.50 mm</p> 	<p>9K 90503</p> <p>WEIGHT : 0.135 kg/m COAT PERIMETER : 0 mm THICKNESS : 1.50 mm</p> 
<p>K-255</p> <p>WEIGHT : 0.205 kg/m COAT PERIMETER : 80 mm THICKNESS : 2.00 mm</p> 	<p>K-66583</p> <p>WEIGHT : 0.207 kg/m COAT PERIMETER : 65 mm THICKNESS : 1.20mm</p> 	<p>K-72734</p> <p>WEIGHT : 0.097 kg/m COAT PERIMETER : 74 mm THICKNESS : 1.00 mm</p> 
<p>K-72735</p> <p>WEIGHT : 0.132 kg/m COAT PERIMETER : 99 mm THICKNESS : 1.00 mm</p> 	<p>2K-4663</p> <p>WEIGHT : 0.215 kg/m COAT PERIMETER : 61 mm THICKNESS : 1.20 mm</p> 	<p>K-72736</p> <p>WEIGHT : 0.258 kg/m COAT PERIMETER : 149 mm THICKNESS : 1.30 mm</p> 
<p>9K 99066</p> <p>WEIGHT : 0.274 kg/m COAT PERIMETER : 45 mm THICKNESS : 2.85 mm</p> 	<p>K 98659</p> <p>WEIGHT : 3.298 kg/m COAT PERIMETER : 0 mm THICKNESS : 35.00 mm</p> 	

FIX

TOP HUNG,
CASEMENT

SLIDING

LOUVER

BUTT
HINGE
DOORFLOOR
HINGE
DOORSEMI
FRAMELESS
DOOR

SLIDING

STEP
WINDOWCONTINUOUS
WINDOW

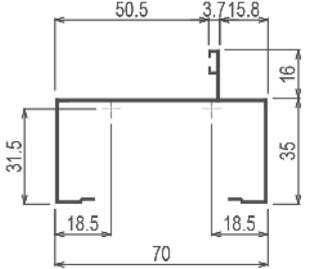
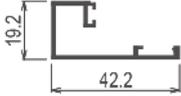
YCR

YCB

SPANDREL
& CEILINGROLLING
SHUTTERGENERAL
SHAPE

OTHERS

SCALE 1:2.5

	9K-87257	K-75691	K-76817
SLIDING	WEIGHT : 0.662 kg/m COAT PERIMETER : 200 mm THICKNESS : 1.20 mm	WEIGHT : 0.347 kg/m COAT PERIMETER : 80 mm THICKNESS : 1.40 mm	WEIGHT : 0.154 kg/m COAT PERIMETER : 43 mm THICKNESS : 1.00 mm
LOUVER			
BUTT HINGE DOOR			
FLOOR HINGE DOOR			
SEMI FRAMELESS DOOR			
SLIDING			
STEP WINDOW			
CONTINUOUS WINDOW			
YCR			
YCB			
SPANDREL & CEILING			
ROLLING SHUTTER			
GENERAL SHAPE			



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ALUMINIUM CARE GUIDE

To Use the Product Beautifully...

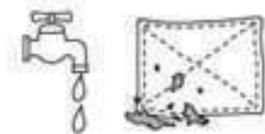
Once or twice a year clean with water could make aluminium more long-lasting.

CAUTION

There are numerous factors can cause corrosion of aluminium/painting products. As prevention make sure , if there is dirt wipe it immediately. Dirt from daily use can be cleaned with a soft cloth.

1. Clean Dust /Dirt with Water

- Aluminum with extrusion lines, should be cleaned following the line.

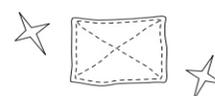


2. Wipe with a Damp Sponge or Damp Cloth.

- Using a brush may cause of aluminum defects.
- If the dirt that cannot be cleaned with water, can use a neutral detergent (12% water solution)



3. Wipe the water with a dry cloth



About Laundry Soap

Soaps that contain acidic or alkaline content can cause painting loss or cause rust, suggested use neutral detergent, such as soaps containing chlorine chemicals (bleaching agents and mold removal)



About White Aluminum Products

For white aluminum products, when cleaned, you can use a soft cloth or wet tissue paper and use a liquid cleanser

* If using soap, please check the ingredients

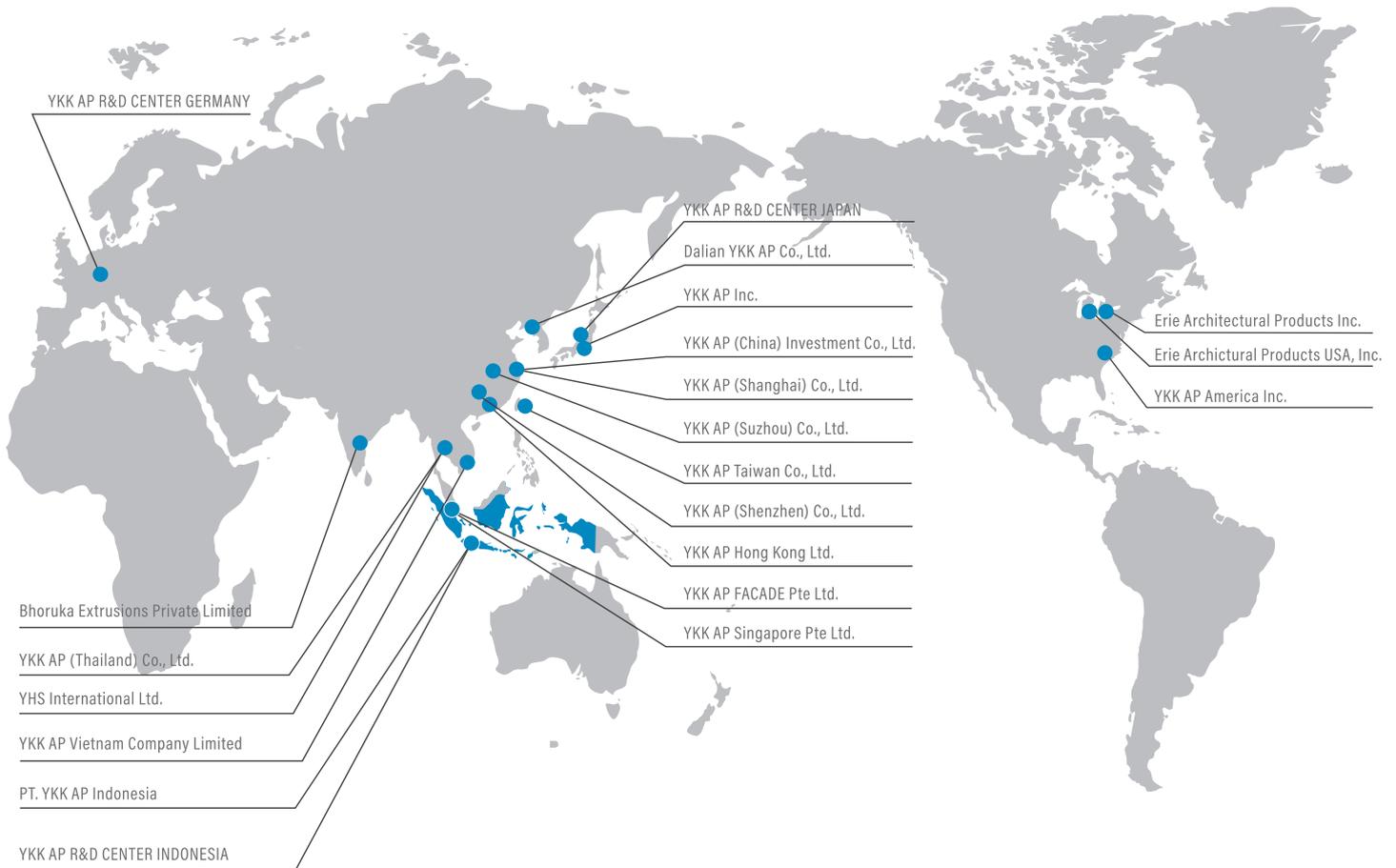


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We, PT YKK AP Indonesia, shall not accept responsibility for any damage, accidents or losses that occurs, either directly or indirectly caused by the following events:

- Fabrication , assembly, installation (base installation, install, sealing), management, maintenance, carried out by third parties not appointed by PT YKK AP Indonesia;
- Installation in a place where excessive performance is required (performance is higher than the product standard);
- Non-product damage (Slab or construction);
- Rust, mildew due to prolonged use;
- Environmental impacts of salt, air pollution, gas, excessive temperature
- Characteristic parts / products used;
- Force majeure;
- Conditions / events that cannot be predicted in daily activity;
- Animals (Dogs, Cats, birds, mice, other animals);
- Care and maintenance are not carried out in accordance with the provisions stipulated by PT YKK AP Indonesia
- Installation and/or repair by the customer themselves;
- Product damage due to use for purposes other than its intended use; and/or
- Illegal act.

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